FINAL REMOVAL ACTION REPORT

FOR THE
GULFCO MARINE MAINTENANCE
SUPERFUND SITE
FREEPORT, TEXAS

PREPARED BY:

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MARCH 23, 2011

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LIST OF ACRONYMS

ACM - Asbestos Containing Material

AST - Aboveground Storage Tank

BHHRA - Baseline Human Health Risk Assessment

COD - Certificate of Destruction

EEI - Effective Environmental, Inc.

EPA - United States Environmental Protection Agency

FSP - Field Sampling Plan

GRG - Gulfco Restoration Group

NPL - National Priorities List

OVM - Organic Vapor Meter

PCE - Tetrachlorethene

PBW - Pastor, Behling & Wheeler, LLC

ppmv - parts-per-million by volume

RI/FS - Remedial Investigation/Feasibility Study

SVOC - Semi-Volatile Organic Compound

TCEQ - Texas Commission on Environmental Quality

TCE - Trichloroethene

VOC - Volatile Organic Compound

REMOVAL ACTION CERTIFICATION

Under penalty of law, I certify that to the best of my knowledge, after appropriate inquiries of all relevant persons involved in the preparation of the report, the information submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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1.0 INTRODUCTION

The United States Environmental Protection Agency (EPA) named the former site of Gulfco Marine Maintenance, Inc. (Gulfco) in Freeport, Brazoria County, Texas (the Site) to the National Priorities List (NPL) in May 2003. On October 26, 2010, the EPA filed and executed an Administrative Settlement Agreement and Order on Consent for Removal Action (Settlement Agreement) (EPA, October, 2010) addressing the former aboveground storage tank farm (AST Tank Farm) located in the southern portion of the Site. The Settlement Agreement required the removal of ASTs that contain hazardous substances from the barge cleaning operations, in accordance with the Removal Action Work Plan included as Appendix D of the Settlement Agreement (included as Appendix A to this report). Pastor, Behling & Wheeler, LLC (PBW), coordinated the Removal Action of behalf of the Settlement Agreement Respondents LDL Coastal Limited LP (LDL), Chromalloy American Corporation (Chromalloy), and The Dow Chemical Company (Dow), collectively known as the Gulfco Restoration Group (GRG), and Parker Drilling Company, which, while not a Respondent to the Settlement Agreement, recently reached an agreement to participate with the Respondents in the Removal Action. Figure 1 provides a map of the Site vicinity, while Figure 2 provides a Site map.

1.1 PURPOSE

Pursuant to Paragraph 42 of the Settlement Agreement, this Removal Action Final Report summarizes the actions taken to comply with the Settlement Agreement, in accordance with the Removal Action Work Plan (Appendix A). Specifically this report documents removal and proper disposal of hazardous liquids and solids contained in the ASTs; removal, demolition and disposal of the tanks in the AST Tank Farm; and decontamination of the AST Tank Farm containment areas.

1.2 SITE BACKGROUND

The Site is located in Freeport, Texas at 906 Marlin Avenue (also referred to as County Road 756) (Figure 1). The Site consists of approximately 40 acres within the 100-year coastal floodplain along the north bank of the Intracoastal Waterway between Oyster Creek approximately one mile to the east and the Texas Highway 332 bridge approximately one mile to the west. Marlin Avenue divides the Site into two primary areas (Figure 2). For the purposes of

descriptions in this report, Marlin Avenue is approximated to run due west to east. The property to the north of Marlin Avenue (the North Area) contains some upland areas created from dredge spoil, but most of this area is considered wetlands. The North Area is not addressed by this report. The 20-acre upland property south of Marlin Avenue (the South Area) was created from dredged material from the Intracoastal Waterway and developed for industrial uses. It contains multiple structures, a dry dock, two barge slips connected to the Intracoastal Waterway, and the AST Tank Farm, which is the subject of this report.

The AST Tank Farm consisted of two adjacent concrete beamed areas, referred to hereafter as the North Containment and the South Containment Areas. Six ASTs were located in the North Containment Area (a seventh tank, Tank No. 100, which was empty, was removed from the Site in September 2008 by Hurricane Ike storm surge), and eight ASTs were located in the South Containment Area. The tank locations and designations are shown on Figure 3, and the tanks and their contents are summarized in Table 1. The tanks were used to store product heels and wash waters associated with barge cleaning operations.

The South Area is zoned as "W-3, Waterfront Heavy" by the City of Freeport. This designation provides for commercial and industrial land use, primarily port, harbor, or marine-related activities. Restrictive covenants prohibiting any land use other than commercial/industrial and prohibiting groundwater use have been filed for all parcels within both the North and South Areas.

Adjacent property to the north, west and east of the North Area is unused and undeveloped.

Adjacent property to the east of the South Area is currently used for industrial purposes while the property directly to the west of the Site is currently vacant and previously served as a commercial marina. The Intracoastal Waterway bounds the Site to the south. Residential areas are located south of Marlin Avenue, approximately 300 feet west of the Site, and 1,000 feet east of the Site.

1.3 REPORT ORGANIZATION

The Removal Action Final Report has been organized to include information specified by the Settlement Agreement. A summary of the Removal Action is provided below in Section 2. Sampling and analysis activities performed during the Removal Action are discussed in Section 3. Removal Action conclusions are provided in Section 4. References are listed in Section 5.

Supporting documentation for the Removal Action, including photographs, waste disposal manifests, tank Certificates of Destruction (COD), laboratory analytical reports and other related reports/information, is provided in the report appendices.

Pursuant to Settlement Agreement requirements, a Draft Removal Action Report was submitted within 120 days of the Settlement Agreement Effective Date of October 29, 2010. Also per Settlement Agreement requirements, this Final Removal Action Report is being submitted within 14 days of receipt of EPA's March 9, 2011 letter approving (with modifications) that draft report. All tank content removal, tank decontamination, tank demolition and containment area decontamination field activities were completed within the 90 days of the Effective Date as also specified in the Settlement Agreement. However, due to a temporary suspension in operations at the incinerator used for disposal of hazardous solids generated during the Removal Action, nine roll-off boxes of hazardous solids could not be shipped from the Site to the disposal facility until after the 90-day deadline (January 27, 2011). A 30-day extension to this deadline was requested on January 26, 2011 and was granted by EPA on January 31, 2011. Additional delays in obtaining disposal "slots" at the incinerator required a second extension request to March 25, 2011, which was granted by EPA on February 23, 2011. Due to these delayed waste shipment dates, not all of the Removal Action supporting documentation described above has yet been received from the Removal Action contractor, Effective Environmental, Inc. (EEI). All such documentation that is not available for inclusion in this Final Removal Action Report will be submitted as addendum to the report.

2.0 REMOVAL ACTION SUMMARY

The Settlement Agreement provided for completion of all field activities within 90 days from the effective date of October 29, 2010. EEI mobilized equipment and materials to the Site and began field activities on November 15, 2010. EEI demobilized all equipment from the Site (except for the roll-off boxes awaiting disposal slots as described previously) on January 27, 2011.

The Removal Action included characterization and management of water accumulated in the AST Tank Farm containment areas; removal and disposal of liquid wastes from the tanks; and solidification, removal and disposal of non-liquid (solids and sludge) wastes from the tanks. Following wastes removal and tank decontamination, the tanks were demolished. The North and South Containment Areas were decontaminated and the concrete containment beams were breached so that rainfall will freely drain from the structures. Piping, metal "cat-walks", and a steel hopper-like structure located within the North Containment Area were demolished and removed. A metal walled structure located immediately to east of the North Containment Area was also demolished and removed. The Removal Action also included an asbestos survey, and the removal and disposal of debris located inside and east of the containment areas. The Removal Action is discussed below; photographs documenting the Removal Action are included in Appendix B.

2.1 MANAGEMENT OF ACCUMULATED WATER

In April 2010, PBW collected samples of accumulated water from the North and South Containment areas. Based on analytical results from these samples, PBW on behalf of the GRG, submitted an Industrial Wastewater Permit Application Abbreviated Technical Report to the Texas Commission of Environmental Quality (TCEQ) requesting discharge of accumulated water from the containment areas. On July 27, 2010, the TCEQ issued a letter to Gary Miller of EPA establishing criteria and authorizing discharge of accumulated water from the containment areas into the Intracoastal Waterway (Appendix C). Following confirmation that the pH of water in the containment areas met the discharge criteria and prior to commencing other Removal Action activities, approximately 15,000 gallons of water from the North Containment Area and approximately 13,500 gallons of water from the South Containment Area were discharged to the Intracoastal Waterway on November 15 and 16, 2010.

Following a rain event at the Site in late December 2010 during performance of the Removal Action, accumulated water from both the North and South Containment Areas was sampled a second time on December 30, 2010. The analytical results from the sample collected from the South Containment Area met discharge criteria (Table 2); and a total of approximately 17,000 gallons of accumulated water were discharged from the South Containment Area to the Intracoastal Waterway on January 5, 6, and 10, 2010. The analytical results for the North Containment Area water sample did not meet discharge criteria (Table 2); and a total of approximately 6,800 gallons of impacted water were pumped from the North Containment Area into tanker trailers and transferred off-site for disposal. One tanker containing approximately 1,800 gallons of this impacted water was transported from the Site to the Clean Harbors, Deer Park facility on January 6, 2011 (included with other Site aqueous wastes). A second tanker containing approximately 5,000 gallons of impacted water from the North Containment Area was transported to Clean Harbors on January 27, 2011. A summary of liquid wastes shipments from the Site during the Removal Action is provided in Table 3, and available waste manifests documenting the transport of the aqueous wastes from the Site are provided in Appendix D.

A third water sample was collected from the North Containment Area on January 18, 2011, after excavation of impacted soils, removal of potentially impacted base material (caliche) from the floor of the containment area, backfilling of the excavated area, and Site restoration was completed (detailed below under Containment Area Decontamination). Analytical results from that water sample indicated that accumulated water in the North Containment Area after completion of the Removal Action, met discharge criteria (Table 2). Following receipt and evaluation of those analytical results accumulated water in the North Containment Area was released by breaching the containment area wall on January 27, 2011. The South Containment Area wall was breached on January 18, 2011 following decontamination and backfilling of the trenches with imported sandy clay soil as detailed in Section 2.6. Sampling locations and analytical results for the accumulated water samples are discussed in Section 3.0.

2.2 ASBESTOS INSPECTION

On November 16, 2010 Phase Engineering, Inc. performed an inspection for potential asbestos containing materials (ACM) within the former AST Tank Farm. Mr. Neal Barnes performed the inspection and collected samples of potential ACM at seven different locations. These samples included debris, gaskets and insulation material. A letter report summarizing the findings of the

asbestos inspection is provided in Appendix E. One of the samples collected by Mr. Barnes was found to contain friable asbestos. The asbestos was in a flange gasket located on the east end of Tank No. 10. In order to avoid disturbing this material during tank demolition, EEI used a cutting torch to cut the entire flange containing the gasket out of the end of Tank No.10 and placed the flange in a metal over-pack drum on December 9, 2010. The over-pack was transported to the EEI yard for temporary storage on January 27, 2011 and was disposed at the Waste Management Coastal Plains Landfill on March 22, 2011. Copies of EEI's demolition permit with the City of Freeport, the Texas Department of State Health Services Asbestos/Demolition Notification Form completed by EEI for this work, and related correspondence are included in Appendix E.

2.3 LIQUID WASTES HANDLING AND DISPOSAL

Removal of liquids from the ASTs was started on November 17, 2010 and completed on December 7, 2010. A tanker load of water transported to Clean Harbors on January 6, 2011 contained a mixture of water accumulated during tank decontamination; water recovered from tanks during sludge solidification and mixing; and impacted water from the North Containment area.

Liquids were removed from the ASTs using a pneumatic diaphragm pump, by inserting a suction hose directly in the tank to be drained and pumping into a tanker trailer. To the extent practical, aqueous liquids were separated from non-aqueous liquids (hydrocarbons), in order that hydrocarbons could be used for fuel blending at the disposal facility.

Removal of liquid wastes from the ASTs was performed using a closed discharge system, with the tanker air vent connected to a carbon canister. The "closed" pumping system, along with the carbon canister, was designed to control the release of fugitive emissions during pumping. Air monitoring was conducted using organic vapor monitors (OVM) during pumping activities to ensure criteria established in the Work Plan were not exceeded [sustained (more than 60 seconds) organic vapor measurements were to remain less than 10 part-per-million by volume (ppmv) in the work zone]. In order to minimize the potential for a release of hazardous liquids outside the containment areas, pumps and hoses were kept inside the concrete containment beams as much as possible and plastic liner was placed beneath hoses outside the containment beams. Tanker trailers were staged inside portable containment to mitigate the potential for a release at hose connections and valves on the tanker.

Approximately 2,300 gallons (21,760 pounds) of non-hazardous aqueous liquids were transported to the Waste Management Coastal Plains facility in Alvin, Texas for disposal. All hazardous liquids, both aqueous and non-aqueous, were transported to the Clean Harbors facility in Deer Park, Texas and disposed of by incineration. Three tanker loads of aqueous liquids were rejected by Clean Harbors due to the presence of viscous hydrocarbons in the load. In each case, these rejected loads were returned to the Site where aqueous liquids were pumped into one of the on-site ASTs for temporary storage, and the viscous hydrocarbons were removed from the tanker and added to sludge in one of the on-site ASTs and solidified.

During the Removal Action approximately 74,500 gallons (612,032 pounds) of aqueous liquids and approximately 14,150 gallons (117,820 pounds) of non-aqueous liquids (hydrocarbons) were transported to Clean Harbors for incineration. All waste liquids were transported from the Site by a licensed waste transporter. Table 3 provides a summary of the quantities and disposition of all liquid wastes removed from the ASTs. Available wastes manifests for liquid wastes transported from the Site are provided in Appendix D.

2.4 SOLID WASTES HANDLING AND DISPOSAL

Following the removal of liquids from all of the ASTs, a combination of cutting torches and hydraulic shears were used to open the tanks to allow for solidification of the remaining sludge (and solids). Solidification to the point that there were no free liquids in the wastes was required by the disposal facility, and was accomplished by adding and mixing fly ash to tank contents after liquids were removed. A total of approximately 210,000 pounds (105 tons) of fly ash was required to facilitate solidification. Once sufficiently solidified, sludge was transferred to water-tight hazardous waste containers (roll-off boxes) lined with sealable water-tight liners, using the track hoe bucket, and by hand shoveling the last of the sludge from most of the tanks. Air monitoring was conducted using an OVM during solidification and sludge removal to monitor organic vapor concentrations in order to stay within Work Plan criteria.

Wastes solids were removed from the ASTs, loaded into roll-off boxes and transported off-site for disposal during the period from December 13, 2010 through January 6, 2011. One additional roll-off box containing a small amount of sludge from the final clean out of Tank No. 6 along with contaminated debris from the demolition of Tank No. 2, was removed from the Site on

February 8, 2011. Roll-off boxes loaded with sludge were transported to the Clean Harbors facility in Deer Park, Texas where the sludge (hazardous solids) was incinerated. During the course of the Removal Action, five roll-off boxes of sludge were rejected by Clean Harbors due to the presence of free liquids, and returned to the Site for additional solidification. In each case sorbent material was added to the sludge in the roll-off box and the box was transported back to Clean Harbors. A total of approximately 829,364 pounds of hazardous solids were disposed of by incineration at the Clean Harbors facility. A summary of all solid wastes transported from the Site during the Removal Action is provided in Table 4 and copies of available wastes manifests are provided in Appendix D.

2.5 AST DECONTAMINATION, DEMOLITION AND DISPOSAL

After all sludge was removed, the tanks were cleaned by scraping, brushing, steam-cleaning, and when necessary spraying and brushing with surfactants to remove any remaining oily residue. Tanks were then cut using, a cutting torch or hydraulic shears, and crushed with the track hoe. All tanks were demolished on-site, except Tank No. 14, which was a thick walled tank (greater than 1-inch thick steel). Tank No. 14 had holes cut to render it unusable and was transported offsite in two pieces. All scrap metal from the Removal Action including tanks and tank pieces were transported to Proler Recycling in Houston, Texas and added to their steel recycling. Copies of available bills of lading and CODs for ASTs are provided in Appendix F.

2.6 CONTAINMENT AREA DECONTAMINATION

2.6.1 South Containment Area

Following the removal of all tanks from the South Containment Area, and in accordance with the Removal Action Work Plan (Appendix A), the containment area was cleaned and decontaminated on January 12 and 13, 2011. All debris was removed, sediment on the concrete floor was scraped and removed and the concrete walls and floor of the containment area were pressure washed with a steam cleaner. The removed sediment was sampled and classified as non-hazardous by EEI.

Portions of the north end of the South Containment Area floor contain small trenches (approximately eight inches deep by four to eight inches in width). It appears that the trenches may have originally been present throughout the South Containment Area, but were historically

filled with concrete over the middle and south portions of the South Containment Area. The trenches in the north end of the containment area, which were thought to have concrete floors, were filled with sediment and black mud, interpreted as being predominantly derived from the decay of algae and other organic matter. Prior to beginning the decontamination operations, it was determined that the trenches did not have concrete floors, but instead all of the trenches that had not been filled with concrete had clay bottoms.

An air-mover and vacuum box were used to "vacuum" mud and sediment from the trenches to the depths at which clay was encountered, usually around the same level or slightly below the level of the base of the adjacent concrete. The concrete walls of the trenches were then pressure washed. After decontamination of the South Containment Area was complete two verification samples were collected from the clay floor of the trenches as discussed in Section 3.2. Based on a request by EPA, the trenches were subsequently backfilled with sandy clay soil imported from an off-site quarry.

Mud, sediment and water collected in the vacuum box used during decontamination of the South Containment Area were included under the aforementioned non-hazardous characterization for sediment from the floor of the containment area. The vacuum box, including collected mud, sediment and water, was removed from the Site on January 27, 2011 and temporarily stored at an EEI subcontractor's equipment yard in Clute, Texas. It was transported to the Waste Management Coastal Plains Landfill for solidification and disposal as non-hazardous waste on February 24, 2011. Three additional roll-off boxes of non-hazardous debris and sediment scrapings from the South Containment Area, as well as other miscellaneous debris from the Site, were also transported to the Coastal Plains Landfill for disposal as non-hazardous wastes on January 27, 2011. Available manifests for non-hazardous wastes transportation and disposal are provided in Appendix D.

Pursuant to the Removal Action Work Plan provisions, the South Containment Area berm was breached to preclude future water accumulation. The berm was breached at the two lowest points of the containment area, the northwest corner and the northeast corner, on January 18, 2011 following the completion of all decontamination activities.

2.6.2 North Containment Area

During the Removal Action it was discovered that the North Containment Area did not have a concrete floor as originally thought. The floor of the North Containment Area was instead constructed of 4 to 8-inches of caliche-like base material, underlain by clay. The base material in the floor of the containment area was visibly stained with hydrocarbons beneath four of the tanks. Surficial staining was present beneath the two large ASTs (Tanks Nos. 15 and 21). More extensive staining was evident beneath Tank No. 6, which, when removed, was found to have several holes in its base. Staining was also observed below the footprint of Tank No. 2, located adjacent to Tank No. 6; however, the staining is believed to be associated with releases from Tank No. 6.

As a measure to ensure future water accumulated in the North Containment Area would not become impacted by residual contaminants on the caliche floor of the containment area, the North Containment Area floor surface was scraped using a small front-end loader on January 7 and January 14, 2011. The removed surface material scrapings were stockpiled and later loaded into two roll-off boxes, sampled and characterized for disposal (soil scrapings were loaded and sampled on January 14, 2011). Based on the characterization sample results, the North Containment Area floor scrapings were classified as hazardous. The two roll-boxes containing these hazardous soils are scheduled to be shipped to the disposal facility during the week of March 21, 2011.

Based on the visible staining observed in localized areas of the North Containment Area floor, particularly below the Tank No. 6 footprint, a plan for excavation of visibly impacted soils below the former locations of Tank Nos. 2, 6, 15, and 21 was developed. On January 7, 2011 Eric Pastor of PBW sent an email to Gary Miller of EPA, outlining the proposed approach to address these areas. The planned approach was to excavate visibly impacted soils, sample and characterize excavated soils, and collect confirmation samples from the excavated areas. The approach included a contingency, that in the event that some areas could not be practically excavated to the point that visible staining was removed, or the extent of impacted soil was anticipated to preclude effective remediation by excavation, EPA would be contacted to discuss potential in-place management options. Pending EPA's concurrence, the approach would then be to excavate as much material as appropriate, and collect verification samples to document volatile organic compound (VOC) and semi-volatile organic compound (SVOC) concentrations in the

residual (i.e., post-excavation) soil. The e-mail outlining the approach, supporting documentation, and the EPA's email approving the approach are provided in Appendix G.

Excavation of the visibly impacted soils in the North Containment Area was performed on January 11, 12, and 13, 2011. Observations made during excavation of the Tank No. 6 area on January 11 and 12, confirmed that the contingency described above would need to be implemented. Visibly impacted soil in this area extended from the surface to approximately 5.5 feet below ground surface at specific locations beneath the former location (footprint) of Tank No. 6. Near the south end of the Tank No. 6 footprint, the impacted soil extended to the west beneath the south end of the former location of Tank No. 2 (approximately south one-forth of Tank No. 2 footprint), where soil was excavated to approximately 2.5 feet bgs. Beneath the remainder of the Tank No. 2 footprint (north three-fourths of Tank No. 2 footprint) there were no visible impacts at a depth of approximately one foot bgs, and the excavation was terminated at that depth in that area.

During the excavation of the area beneath Tank Nos. 2 and 6, the subsurface material present from the ground surface to approximately 2 to 2.5 feet bgs was observed to consist of fill material (including caliche base material and clay as described above). Outside of the Tank Nos. 2 and 6 footprints, this fill material was not visibly impacted. Except for a thin (approximately 0.2 feet thick) zone of black staining along the contact between the base of the fill and original ground surface (approximately 2 feet bgs), there was no visible staining below 2.5 feet bgs south and west of Tank No. 2.

Approximately the southern two-thirds of the area beneath the Tank No. 6 footprint were excavated to a depth of approximately 5.5 to 6 feet bgs. In the south and east walls of the excavation visibly impacted soils were present from approximately 2.5 feet bgs to approximately 5.5 feet bgs. In this deepest portion of the excavation, a clay soil with no visible impacts was present from approximately 5.5 feet to 6 feet bgs. Beneath the northern end (approximately northern one-third) of the Tank No. 6 footprint, visibly impacted soil was excavated to approximately 2 feet bgs. At that depth visible impacts were limited to localized areas. The extent of the excavation below Tank Nos. 2 and 6 is shown on Figure 4. Verification sampling performed in this area is discussed in Section 3.0, below.

Very well compacted and hard caliche was encountered Beneath the Tank Nos. 15 and 21 footprints. These areas were scraped using a trackhoe to remove surficial staining.

Approximately 3 to 4-inches of caliche were scraped from the footprint of both former tanks. Below both the Tank Nos. 15 and 21 footprints, the staining was observed to extend through the caliche base (6 to 8-inches) in localized areas, but did not appear to have visibly impacted the underlying clay. Visibly impacted caliche was removed to the extent practical. Verification sampling was performed beneath both Tanks Nos. 15 and 21 as discussed in Section 3.0.

All excavated soils from the Tank Nos. 2/6 excavation, and the scraped caliche/soil from the Tank Nos. 15 and 21 footprints were placed directly into six water-tight roll-off boxes and sampled for characterization on January 14, 2011. Based on the results of the characterization sampling, this excavated soil was classified as hazardous. Two of the roll-boxes containing excavated soil were removed from the Site for delivery to Clean Harbors for incineration on February 8, 2011. The remaining four roll-off boxes of hazardous soils, along with the two roll-offs containing the surface scrapings from the North Containment Area described above, are scheduled to be shipped to the disposal facility during the week of March 21, 2011. A summary of hazardous soil from the North Containment Area transported from the Site during the Removal Action is provided in Table 5, and copies of available wastes manifests for this material are provided in Appendix D.

After verification samples were collected from the excavated area, the excavation was backfilled with sandy clay soil imported from an off-site quarry and the entire North Containment Area was graded so that accumulated water would drain to the low side (east side of containment area).

Pursuant to the Removal Action Work Plan provisions, and following receipt and evaluation of analytical results from the accumulated water sample collected after completion of the Removal Action and Site restoration in the North Containment Area (sample collected on January 18, 2011), the North Containment Area berm was breached. The berm was breached at the lowest point of the containment area along the east side on January 27, 2011.

3.0 SAMPLING AND ANALYSIS

The following sections describe sampling and analysis performed during the Removal Action.

3.1 ACCUMULATED WATER IN CONTAINMENT AREAS

As summarized in Section 2.1 samples of accumulated water were collected from the North and South Containment Areas during the Removal Action on December 30, 2011, and from the North Containment Area only, on January 18, 2011. These water samples were all analyzed for selected VOCs and the results compared to discharge criteria as identified in the TCEQ Surface Discharge Letter (Appendix C) and listed in Table 2. Field pH measurements collected at the time of sample collection are also included in Table 2.

All accumulated water samples were collected and handled in accordance with the procedures described in the Remedial Investigation/Feasibility Study (RI/FS) Field Sampling Plan (FSP) (PBW, 2006). The samples obtained on December 30, 2010, were collected from the North and South Containment Areas in locations where accumulated water was most likely to be impacted by Site activities performed prior to that date. The South Containment Area water sample was collected near the northwest corner of the containment area where pumps had been staged and pumping activities performed. The North Containment Area was sampled in two locations. Sample "N. Containment (NW)" was collected from water that had accumulated in the footprint of Tank No. 6, and sample "N. Containment (NE)" was collected from water that had accumulated in the footprint of Tank No. 21, both areas where the floor of the containment was observed to be visibly impacted when the tanks were moved. As discussed in Section 2.1 and shown on Table 2, the accumulated water in the South Containment Area met discharge criteria and was discharged to the Intracoastal Waterway. Neither of the two water samples collected from the North Containment Area met discharge criteria. Accumulated water from the North Containment Area was pumped into tanker trailers and transported to the Clean Harbors facility for disposal.

As mentioned above and discussed in Section 2.1, a subsequent accumulated water sample was collected from the North Containment Area on January 18, 2011. This sample was collected following a rainfall event that occurred after the excavated areas in the North Containment Area had been backfilled, and the entire containment area had been scraped and graded. The sample

was collected from water accumulated near the center of the North Containment Area. As previously stated in Section 2.1 analytical results for this sample met discharge criteria, and the accumulated water was released when the containment berm was breached on January 27, 2011.

Table 2 presents a comparison of accumulated water analytical results for both sampling events to discharge criteria. Field pH measurements collected at the time of sample collection or prior to surface water discharge are also provided on Table 2. Laboratory analytical reports and sample validation reports are included in Appendix H.

3.2 SOIL VERIFICATION SAMPLES

In order to document soil conditions at the North Containment Area following completion of excavation activities, eight verification soil samples were collected from this area. These samples were collected after it was determined that impacted soil encountered at depths ranging from approximately 2.5 feet bgs to approximately 5.5 feet bgs could not be practically excavated such that visible staining was removed. The verification samples were intended to characterize VOC and SVOC concentrations in the residual (i.e., post-excavation) soil.

After excavation was terminated in the area beneath Tank Nos. 2 and 6 and the containment area base material floor had been scraped in the Tank Nos. 15 and 21 areas, soil samples were collected from these areas. These samples, which were collected and handled in accordance with FSP procedures, were collected on January 13, 2011. Sample locations, as shown on Figure 4, included:

- one sample from below the Tank No. 15 footprint at a depth of 0.8 feet bgs (T-15-F);
- one sample from below the Tank No. 21 footprint at a depth of 0.5 feet bgs (T-21-F);
- one sample of surface soil near the center of the North Containment Area at a depth of 0 to 0.3 feet bgs (NC-0-0.3);
- one sample from the west wall of the excavation beneath Tank Nos. 2 and 6, west of the former location of Tank No. 2 and near the southwest corner of the overall excavation at a depth of 2.5 feet bgs (T-2-West);

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- one sample from the floor of the excavation beneath the footprint of Tank No. 6
 approximately 10 feet north of the south end of the former tank location at a depth of 5.8
 feet bgs (T-6-Floor);
- one sample from the east wall of the Tank No. 6 excavation approximately 11 feet north
 of the south end of excavation this sample was collected in visibly impacted soil at a
 depth of 4 feet bgs, which is approximately 1.5 feet below the upper limit of visibly
 impacted soil (T-6-East);
- one sample from the south end of the Tank No. 6 excavation beneath the south end of the
 former Tank No. 6 footprint this sample was collected in visibly impacted soil at a
 depth of 4.5 feet bgs, which is approximately 2 feet below the upper limit of visibly
 impacted soil (T-6-South); and
- one sample from the north wall of the Tank No. 6 excavation beneath the north end of the former Tank No. 6 footprint at a depth of approximately 2 feet bgs – no visible impacts were observed at this sample location (T-6-North).

Analytical results for the Site's chemicals of interest from the verification samples were evaluated relative to comparison values, which were established by using the lower of the EPA Region 6 Soil Screening Criteria value and the TCEQ Tot Soil Comb value for an industrial/commercial exposure scenario. The analytical results from the soil verification samples relative to comparison values are summarized in Table 6. Laboratory analytical reports and data validation reports are provided in Appendix H.

Analytical results for SVOCs did not exceed comparison criteria for any chemicals of interest, at any of the verification sample locations. However, VOC comparison criteria were exceeded at verification sample locations T-15-F (benzene, chloroform and trichloroethene (TCE)); T-21-F (tetrachloroethene (PCE) and TCE); NC-0-0.3 (TCE); T-6-East (benzene, ethylbenzene and isopropylbenzene); T-6-South (benzene, chloroform, and ethylbenzene); and T-6-North (benzene and TCE).

Verification samples were also collected from the clay floor of the trenches in the South Containment Area at two locations. The verification sample locations are show on Figure 4 and described below:

- one sample of the clay from the floor of the trench near the northwest corner of the containment area - collected approximately 15 feet south of the north berm and 15 feet east of the west berm (SC-W); and
- one sample of the clay from the floor of the trench near the northeast corner of the containment area - collected approximately 15 feet south of the north berm and 19 feet west of the east berm (SC-E).

Analytical results from samples collected in the South Containment trenches (summarized in Table 6) did not exceed comparison criteria for VOCs or SVOCs for any chemicals of interest.

Several exceedences of the comparison criteria listed in Table 6 were noted on an individual sample basis for some of the North Containment Area soil samples. These concentrations resulted in predicted risks that were within EPA's acceptable or target risk range for carcinogens (10⁻⁴ to 10⁻⁶ risk) and below a target hazard quotient of one for non-carcinogens based on an industrial/commercial exposure scenario.

4.0 CONCLUSIONS

The purpose of the Removal Action at the Gulfco AST Tank farm was to remove and properly dispose of contents of the ASTs; remove, demolish and dispose of the tanks in the AST Tank Farm; and decontaminate the AST Tank Farm containment areas. The overarching Removal Action objectives as set forth in Paragraph 31.f of the Settlement Agreement are to protect the public health, welfare, or the environment. These objectives have been met through performance of the Removal Action activities documented in this report.

5.0 REFERENCES

Pastor, Behling & Wheeler, LLC (PBW), 2006. Sampling and Analysis Plan – Volume I, Field Sampling Plan, Gulfco Marine Maintenance Site, Freeport, Texas. May 16.

Pastor, Behling & Wheeler, LLC (PBW), 2010. Final Baseline Human Health Risk Assessment, Gulfco Marine Maintenance Site, Freeport, Texas. March 31.

United States Environment Protection Agency (EPA), Region 6, 2010. Administrative Settlement Agreement and Order on Consent for Removal Action (Settlement Agreement). October.

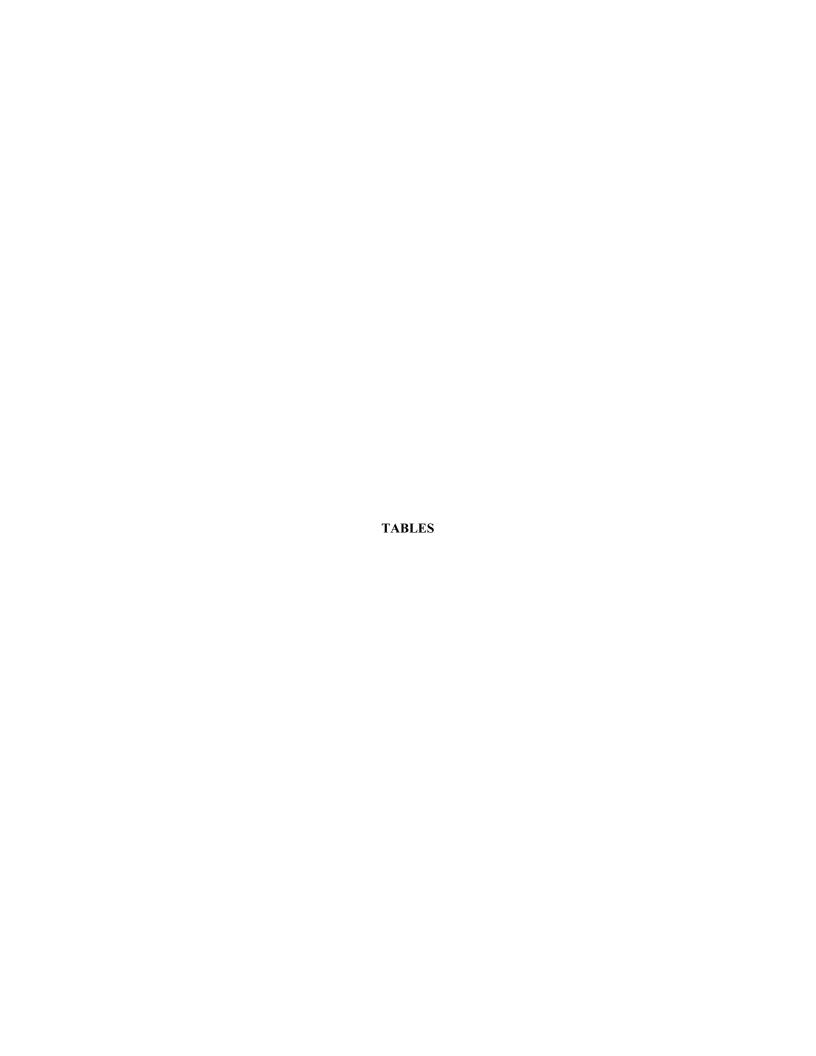


TABLE 1 - TANK CONTENT SUMMARY

Tank No.	Content Description
Tank No. 2	Organic/Aqueous Mixture Solids - sand, debris
Tank No. 4	Oily Water
Tank No. 6	Rust Solids and Organic Liquds
Tank No. 10	Empty
Tank No. 13	Oily Sludge
Tank No. 14	Small Amount of Oil Solids
Tank No. 15	Oily Sludge and Water
Tank No. 16	Oily Sludge
Tank No. 17	Empty
Tank No. 18	Light Organic Phase
Tank No. 19	Oily Sludge
Tank No. 21	Oily Water and Oily Sludge
Tank No. 22	Oily sludge
Tank No. 23	Weathered Diesel

TABLE 2 - CONTAINMENT AREA ACCUMULATED WATER ANALYTICAL DATA RELATIVE TO DISCHARGE CRITERIA

Chloroform 1,2-dichloroethane Trichloroethylene	December 30, 2010 Accumulated Water Sample			January 18, 2011 Accumulated Water Sample	Water-Quality Limitations ¹	Based Effluent	Technology-Based Effluent Limitations ²		
			South Contain- ment	North Containment	Daily Average	Daily Maximum	Daily Average	Daily Maximum	
Benzene	0.137J mg/L	2.0 mg/L	0.00566 mg/L	<0.000054 mg/L	2.4 mg/L	5.1 mg/L	0.057 mg/L	0.134 mg/L	
Chloroform	8.66 mg/L	5.29 mg/L	0.005J mg/L	<0.000057 mg/L	29.4 mg/L	62.2 mg/L	0.111 mg/L	0.325 mg/L	
1,2-dichloroethane	0.580 mg/L	7.29 mg/L	<0.000086 mg/L	<0.000086 mg/L	1.6 mg/L	3.5 mg/L	0.18 mg/L	0.574 mg/L	
Trichloroethylene	<0.00618 mg/L	1.93 mg/L	0.0111 mg/L	<0.000062 mg/L	13.9 mg/L	29.5 mg/L	0.026 mg/L	0.069 mg/L	
Tetrachloroethylene	0.225J mg/L	0.252 mg/L	0.0107 mg/L	<0.000121 mg/L	7.3 mg/L	15.5 mg/L	0.052 mg/L	0.164 mg/L	
Vinyl Chloride	<0.0093 mg/L	<0.00465 mg/L	<0.000093 mg/L	<0.000093 mg/L	9.5 mg/L	20.0 mg/L	0.097 mg/L	0.172 mg/L	
pH (Standard Units)	6.28	6.13	6.2	6.44	(Minimum 6.0)	(Maximum 9.0)	(Minimum 6.0)	(Maximum 9.0)	

¹From Attachment 1 of June 22, 2010 TCEQ Memorandum. ²From Attachment 2 of June 22, 2010 TCEQ Memorandum. ³ Data Qualifier: J = Estimated concentration.

TABLE 3 - LIQUID WASTES DISPOSAL SUMMARY

Shipment Date	Description Tanker No. Manifest No. Gallons Weight (lbs)		Waste Disposition ⁽¹⁾			
Aqueous - H	azardous Liquids					
11/17/10	Aqueous-Haz	T-346	000115092	4,900	41,600	Clean Harbors
11/18/10	Aqueous-Haz	T-332	000115093	4,800	40,260	Clean Harbors
11/18/10	Aqueous-Haz	T-514	000115094	5,000	39,860	Clean Harbors
11/19/10	Aqueous-Haz	T-351	000115095	5,000	43,440	Clean Harbors
11/19/10	Aqueous-Haz	T-332	000115097	5,000	41,800	Clean Harbors
11/22/10	Aqueous-Haz	T-346	000115098	5,000	44,940	Clean Harbors
11/23/10	Aqueous-Haz	T-321	000115100	5,000	42,880	Clean Harbors
11/23/10	Aqueous-Haz	T-687	000115099	5,000	43,440	Clean Harbors
11/30/10	Load Rejected	T-687	rejected(2)			Clean Harbors
12/1/10	Aqueous-Haz	T-321	000115079	5,000	44,460	Clean Harbors
12/1/10	Aqueous-Haz	T-351	000115101	5,000	42,360	Clean Harbors
12/2/10	Aqueous-Haz	T-332	000115103	5,000	41,660	Clean Harbors
12/2/10	Load Rejected	T-514	rejected			Clean Harbors
12/3/10	Load Rejected	T-687	rejected			Clean Harbors
12/7/10	Aqueous-Haz	T-514	000115084	5,100	43,800	Clean Harbors
12/15/10	Aqueous-Haz	T-687	000115087	4,500	39,400	Clean Harbors
1/6/11	Aqueous-Haz	T-687	001370022	5,100	29,846	Clean Harbors
1/27/11	Aqueous-Haz(3)	T-687	000107697	5,100	32,286	Clean Harbors
Subtotal Aqu	ieous-Haz			74,500	612,032	
Aqueous Noi	 n-Hazardous Liquid	s				
11/17/10	Aqueous Non-Haz	T-514	WMI733174	2,300	21,760	Waste Management
Subtotal Aqu	ieous-Non-Haz			2,300	21,760	
Organics for	Fuel Blending	121.00				41714-11-11-11-11-11-11-11-11-11-11-11-11-1
11/29/10	Fuel Blending	T-332	000115083	4,000	31,160	Clean Harbors
11/29/10	Fuel Blending	T-514	000115076	5,000	44,280	Clean Harbors
11/30/10	Fuel Blending	T-346	000115077	5,150	42,380	Clean Harbors
Subtotal Nor	-Aqueous (Fuel Ble	nding)		14,150	117,820	\$165g
Total Liquid	s		,	90,950	751,612	

Notes:

- (1) Clean Harbors Deer Park, Texas for Incineration; Waste Management Coastal Plain Landfill Alvin, Texas
- (2) rejected Load was rejected by Clean Harbors due to viscosity and returned to the Site for liquid/solids separation.
- (3) Tanker T-687 load shipped on 1/27/11 contained accumulated water from North Containment Area

TABLE 4 - SOLID WASTES DISPOSAL SUMMARY

Shipment Date	Waste Description	Tanker/Box No.	Manifest No.	Weight (lbs)	Waste Disposition(1)
12/14/2010	Haz-Solids	2237	000115120	40,470	Clean Harbors
12/14/2010	Haz-Solids	N23486	000115119	32,010	Clean Harbors
12/15/2010	Haz-Solids	RBR250515	000115066	26,070	Clean Harbors
12/15/2010	Haz-Solids	RBR250445	000115067	25,150	Clean Harbors
12/16/2010	Haz-Solids	RB26606	000115068	34,350	Clean Harbors
12/16/2010	Haz-Solids	N16822	000115069	21,490	Clean Harbors
12/17/2010	Haz-Solids	N26538	000115070	33,230	Clean Harbors
12/17/2010	Haz-Solids	N48861	000115071	30,930	Clean Harbors
12/17/2010	Haz-Solids	N41024	000115075	32,290	Clean Harbors
12/17/2010	Haz-Solids	2536RB	000115085	24,350	Clean Harbors
12/20/2010	Haz-Solids	RB26712	000107504	28,670	Clean Harbors
12/20/2010	Haz-Solids	RB2609	000107505	22,750	Clean Harbors
12/21/2010	Haz-Solids	N35202	000107506	28,050	Clean Harbors
12/21/2010	Haz-Solids	N48754	000107512	20,390	Clean Harbors
12/22/2010	Haz-Solids	N12736	rejected(2)		Clean Harbors
12/22/2010	Haz-Solids	N44607	000107507	33,670	Clean Harbors
12/27/2010	Haz-Solids	RBR250185	000107508	20,650	Clean Harbors
12/27/2010	Haz-Solids	N23486	000107509	31,290	Clean Harbors
12/28/2010	Haz-Solids	RB26833	rejected		Clean Harbors
12/28/2010	Haz-Solids	N16822	rejected		Clean Harbors
12/29/2010	Haz-Solids	N12736	rejected		Clean Harbors
12/29/2010	Haz-Solids	48861	000107564	32,006	Clean Harbors
12/29/2010	Haz-Solids	RB2609	rejected		Clean Harbors
12/30/2010	Haz-Solids	N48754	000107569	33,606	Clean Harbors
12/30/2010	Haz-Solids	2237	000107566	31,326	Clean Harbors
1/3/2011	Haz-Solids	RBR250445	000107568	33,866	Clean Harbors
1/4/2011	Haz-Solids	N16822	000107567	29,546	Clean Harbors
1/4/2011	Haz-Solids	RB26833	000107652	28,766	Clean Harbors
1/5/2011	Haz-Solids	RB2609	000107563	34,426	Clean Harbors
1/5/2011	Haz-Solids	N12736	000107656	38,526	Clean Harbors
1/6/2011	Haz-Solids	RB26606	000107654	41,486	Clean Harbors
2/8/2011	Haz-Solids	N35202	Pending ⁽³⁾	40,000	Clean Harbors
Haz-Solids Subt	otal			829,364	
1/27/2011	Non-Haz-Solids	40001	Pending	35,000	Waste Management
1/27/2011	Non-Haz-Solids	B20-571	Pending	20,000	Waste Management
1/27/2011	Non-Haz-Solids	2536RB	Pending	40,000	Waste Management Waste Management
1/27/2011	Non-Haz-Solids	Vac Box	Pending	40,000	Waste Management
Non-Haz-Solids	NOTE AND DESCRIPTION OF THE PARTY OF THE PAR	v ac Dox	1 Chang	135,000	waste management
Total Solids				964,364	

Notes:

- (1) Clean Harbors Deer Park, Texas for Incineration; Waste Management Coastal Plains Landfill Alvin, Texas
- (2) rejected Load was rejected by Clean Harbors due to free liquids and returned to the Site for additional solidification and reshipment.
- (3) Pending Manifest number pending receipt of manifest from disposal facility. Weights for these loads are estimated and thus are shown in italics.

TABLE 5 - NORTH CONTAINMENT AREA SOILS DISPOSAL SUMMARY

Shipment Date	Waste Description			Weight (lbs)	Waste Disposition ⁽¹⁾	
2/8/2011	Haz-Soils	RB26712	Pending ⁽²⁾	38,000	Clean Harbors	
2/8/2011	Haz-Soils	RBR250185	Pending	38,000	Clean Harbors	
Scheduled ⁽³⁾	Haz-Soils	2592	Pending	38,000	Clean Harbors	
Scheduled	Haz-Soils	2535RB	Pending	38,000	Clean Harbors	
Scheduled	Haz-Soils	RB250070	Pending	38,000	Clean Harbors	
Scheduled	Haz-Soils	N26603	Pending	38,000	Clean Harbors	
Scheduled	Haz-Soils	N26538	Pending	38,000	Clean Harbors	
Scheduled	Haz-Soils	2498RB	Pending	38,000	Clean Harbors	
Total Haz-Soils				304,000		

Notes:

- (1) Clean Harbors Deer Park, Texas for Incineration
- (2) Pending Manifest number pending receipt of manifest from disposal facility. Weights for these loads are estimated and thus are shown in italics.
- (3) Scheduled Load not yet shipped. Scheduled for shipment week of March 21, 2011.

TABLE 6 - SOIL ANALYTICAL DATA RELATIVE TO COMPARISON CRITERIA⁽¹⁾

			1	<u> </u>	SA	MPLE DE	SIGNATI	ION ⁽³⁾	1	<u> </u>	
Chemicals of Interest	Comparison Criteria ⁽²⁾	T-15-F	T-21-F	NC-0-0.3	T-2- WEST	T-6- FLOOR	T-6- EAST	T-6- SOUTH	T-6- NORTH	SC-W	SC-E
VOCs											
1,1,1,2-Tetrachloroethane	7.60	< 0.00507	< 0.00542	< 0.00672	< 0.026	< 0.015	<1.39	<1.36	< 0.00577	< 0.00586	< 0.00722
1,1,1-Trichloroethane	1400.00	< 0.011	< 0.012	0.213J	< 0.058	< 0.033	< 3.06	< 2.99	0.087J	< 0.013	< 0.016
1,1,2,2-Tetrachloroethane	0.97	< 0.013	< 0.014	< 0.018	< 0.069	< 0.039	<3.66	<3.57	< 0.015	< 0.015	< 0.019
1,1,2-Trichloroethane	2.10	< 0.011	< 0.012	< 0.015	< 0.059	< 0.033	<3.12	<3.04	< 0.013	< 0.013	< 0.016
1,1-Dichloroethane	2300.00	< 0.016	< 0.017	< 0.021	< 0.084	< 0.047	<4.40	<4.30	< 0.018	< 0.019	< 0.023
1,1-Dichloroethene	470.00	< 0.032	< 0.034	< 0.043	< 0.168	< 0.095	<8.84	<8.63	< 0.037	< 0.037	< 0.046
1,1-Dichloropropene	60.91	< 0.010	<0.011	<0.013	< 0.052	<0.029	<2.76	<2.69	< 0.011	<0.012	< 0.014
1,2,3-Trichloropropane	0.0034	<0.017	< 0.018	<0.022	<0.087	<0.049	<4.60	<4.49	<0.019		<0.024
1,2,4-Trichlorobenzene	260.00	< 0.015	< 0.016	< 0.020	< 0.077	< 0.043	<4.04	<3.95	< 0.017	< 0.017	< 0.021
1,2,4-Trimethylbenzene	190.00	< 0.014	0.59J	0.123J	< 0.075	< 0.042	<3.95	<3.86	0.230J	0.111J	0.074J
1,2-Dibromo-3-chloropropane	2.20	< 0.039	< 0.041	< 0.051	< 0.202	< 0.114	<10.6	<10.4	< 0.044	< 0.045	< 0.055
1,2-Dibromoethane	0.07	< 0.012	< 0.012	< 0.015	< 0.060	< 0.034	<3.17	<3.09	< 0.013	< 0.013	< 0.016
1,2-Dichlorobenzene	370.00	<0.016	< 0.017	<0.021	<0.082	<0.046	<4.31	<4.21	<0.018	<0.018	<0.022
1,2-Dichloroptopane	0.84 0.85	<0.00633 <0.00522	<0.00676 <0.00558	0.603 <0.00691	<0.033	<0.019	<1.74	<1.70 <1.40	<0.00720 <0.00593	<0.00731 <0.00603	<0.00901 <0.00743
1,3,5-Trimethylbenzene	78.00	<0.00522	<0.00558	0.00691 0.110J	<0.027	<0.015	<3.20	<3.12	<0.00593 0.094J	<0.00603 0.057J	< 0.00743
1,3-Dichlorobenzene	88.17	< 0.012	< 0.012	<0.020	< 0.080	< 0.045	<4.23	<4.13	< 0.018	< 0.018	< 0.022
1,3-Dichloropropane	60.91	< 0.00865	< 0.00924	< 0.011	< 0.045	< 0.025	<2.37	<2.32	< 0.00983	< 0.00999	< 0.012
1,4-Dichlorobenzene	8.10	< 0.020	< 0.021	< 0.026	< 0.103	< 0.058	< 5.45	< 5.32	< 0.023	< 0.023	< 0.028
2,2-Dichloropropane	44.19	< 0.056	< 0.060	< 0.074	< 0.292	< 0.164	<15.4	<15.0	< 0.064	< 0.065	< 0.080
2-Butanone	34000.00	< 0.029	< 0.031	< 0.039	< 0.152	< 0.085	<7.99	<7.80	< 0.033	< 0.034	< 0.041
2-Chloroethylvinyl ether	3.31	<0.011	<0.012	< 0.015	<0.059 <0.066	<0.033	<3.10	<3.03	<0.013	< 0.013	<0.016
2-Chlorotoluene 2-Hexanone	510.00 79.20	<0.013	<0.014	<0.017	< 0.066	<0.037	<3.50 <4.49	<3.42 <4.39	<0.015	<0.015	<0.018
4-Chlorotoluene	3.46	<0.015	< 0.016	<0.022	< 0.083	<0.048	<4.06	<3.96	< 0.017	< 0.017	<0.023
4-Isopropyltoluene	4713.42	< 0.013	< 0.014	< 0.017	< 0.067	< 0.038	<3.53	<3.44	< 0.015	< 0.015	< 0.018
4-Methyl-2-pentanone	17000.00	< 0.016	< 0.018	< 0.022	< 0.086	< 0.048	<4.52	<4.41	< 0.019	< 0.019	< 0.023
Acetone	8114.02	< 0.051	< 0.055	< 0.068	< 0.267	< 0.150	<14.1	<13.7	< 0.058	< 0.059	< 0.073
Acrolein	0.38	< 0.097	< 0.103	< 0.128	< 0.504	< 0.283	<26.5	<25.9	< 0.110	< 0.112	< 0.138
Acrylonitrile	0.55	< 0.052	< 0.055	< 0.069	< 0.269	< 0.152	<14.2	<13.8	< 0.059	< 0.060	< 0.074
Benzene	1.60	< 0.00662	< 0.00707	0.217J	< 0.034	1.33	18.2J	13.8J	2.94	0.102J	< 0.00942
Bromobenzene	120.00	< 0.015	< 0.016	< 0.019	< 0.076	< 0.043	<3.99	<3.90	< 0.017	< 0.017	< 0.021
Bromodichloromethane	2.60	< 0.00724	< 0.00775	< 0.00960	<0.038	<0.021	<1.99	<1.94	<0.00824	< 0.00838	<0.010 <0.016
Bromoform Bromomethane	240.00 15.00	<0.011	<0.012 <0.075	<0.015	<0.058 <0.368	<0.033	<3.06 <19.4	<2.99 <18.9	<0.013	<0.013 <0.082	<0.016
Butanol	3075.73	< 0.884	<0.075	<1.17	<4.61	<2.59	<243	<237	<1.01	<1.02	<1.26
Carbon disulfide	720.00	< 0.022	< 0.024	< 0.030	< 0.117	< 0.066	<6.17	<6.02	< 0.026	< 0.026	< 0.032
Carbon tetrachloride	0.58	< 0.011	< 0.012	< 0.015	< 0.059	< 0.033	<3.13	< 3.05	< 0.013	< 0.013	< 0.016
Chlorobenzene	600.00	< 0.00908	< 0.00971	< 0.012	< 0.047	< 0.027	<2.49	<2.43	< 0.010	< 0.010	< 0.013
Chloroethane	7.20	< 0.032	< 0.034	< 0.042	< 0.166	< 0.093	<8.74	< 8.53	< 0.036	< 0.037	< 0.045
Chloroform	0.58	0.638	0.286	0.545	< 0.062	<0.035	<3.26	18.4J	0.293	< 0.014	< 0.017
Chloromethane	3.00	<0.037	<0.039	<0.048	<0.191	<0.107	<10.0	<9.80	<0.042	<0.042	<0.052
cis-1,2-Dichloroethene cis-1,3-Dichloropropene	160.00 42.94	0.198J	0.250J <0.00749	<0.011 <0.00928	<0.043	<0.024 <0.021	<2.28 <1.92	<2.23 <1.88	<0.00945 <0.00796	<0.00960 <0.00810	0.012 <0.00997
Cyclohexane	6800.00	<0.00700	0.108J	0.00928 0.183J	<0.037	<0.021	<2.33	<2.28	0.00796 0.063J	0.00810 0.208J	0.106J
Dibromochloromethane	2.60	< 0.00676		< 0.00896	< 0.035	< 0.020	<1.86	<1.81	< 0.00769	< 0.00782	< 0.00963
Dibromomethane	194.29	< 0.015	< 0.016	< 0.020	< 0.079	< 0.044	<4.16	<4.06	< 0.017	< 0.018	< 0.022
Dichlorodifluoromethane	340.00	< 0.00536		< 0.00711	< 0.028	< 0.016	<1.47	<1.44	< 0.00610		< 0.00763
Ethylbenzene	230.00	< 0.00995	< 0.011	0.818	< 0.052	9.44	272	321	1.83	0.144J	0.195J
Hexachlorobutadiene	22.80	<0.011	0.179J	<0.015	<0.059	<0.033	<3.09	<3.02	<0.013	<0.013	< 0.016
Isopropylbenzene (Cumene) Methyl acetate	580.00 6589.22	<0.00942	0.236J <0.018	0.942J 1.03	32.6J <0.086	12.6J <0.048	1660J <4.53	543J <4.43	0.221J <0.019	0.328J <0.019	0.427J <0.024
Methyl iodide	121.39	<0.017	<0.018	< 0.084	< 0.330	< 0.186	<17.4	<17.0	<0.019	< 0.019	<0.024
Methylcyclohexane	140.00	< 0.00792	< 0.00847	< 0.010	< 0.041	<0.130	<2.17	<2.12	< 0.00901	< 0.00916	< 0.011
Methylene chloride	22.00	< 0.017	< 0.018	0.062J	< 0.088	< 0.049	<4.61	<4.50	< 0.019	< 0.019	< 0.024
Naphthalene	189.76	< 0.040	0.101J	0.49	< 0.208	< 0.117	<10.9	16.4J	0.427	0.118J	0.164J
n-Butylbenzene	240.00	< 0.017	< 0.018	< 0.022	< 0.088	< 0.049	<4.63	<4.52	< 0.019	< 0.019	< 0.024
n-Propylbenzene	240.00	< 0.013	< 0.014	< 0.017	< 0.068	< 0.038	<3.59	<3.51	0.155J	< 0.015	< 0.019
o-Xylene	280.00	< 0.00913	< 0.00976	0.176J	< 0.048	1.95	167	68.6	0.357	0.109J	0.087J
sec-Butylbenzene	220.00	< 0.012	< 0.013	< 0.016	< 0.063	< 0.036	<3.33	<3.25	< 0.014	< 0.014	< 0.017
Styrene	1700.00	< 0.013	< 0.014	< 0.017	< 0.066	< 0.037	21.8J	15.2J	< 0.015	< 0.015	< 0.018

TABLE 6 - SOIL ANALYTICAL DATA RELATIVE TO COMPARISON CRITERIA⁽¹⁾

		SAMPLE DESIGNATION ⁽³⁾									
Chemicals of Interest	Comparison Criteria ⁽²⁾	T-15-F	T-21-F	NC-0-0.3	T-2- WEST	T-6- FLOOR	T-6- EAST	T-6- SOUTH	T-6- NORTH	SC-W	SC-E
tert-Butyl methyl ether (MTBE)	41.00	< 0.00807	< 0.00862	< 0.011	< 0.042	0.234J	<2.21	<2.16	0.479	< 0.00932	< 0.011
tert-Butylbenzene	390.00	< 0.011	< 0.012	< 0.015	< 0.060	< 0.034	<3.14	<3.07	< 0.013	< 0.013	< 0.016
Tetrachloroethene	1.70	< 0.0100	2.5	0.835	< 0.052	< 0.029	<2.74	< 2.68	< 0.011	< 0.012	< 0.014
Toluene	520.00	< 0.00966	< 0.010	0.227J	< 0.050	1	37.0J	23.8J	0.271J	< 0.011	< 0.014
trans-1,2-Dichloroethene	240.00	< 0.00976	< 0.010	< 0.013	< 0.051	< 0.029	< 2.68	<2.61	< 0.011	< 0.011	< 0.014
trans-1,3-Dichloropropene	60.91	< 0.011	< 0.011	< 0.014	< 0.055	< 0.031	<2.92	<2.85	< 0.012	< 0.012	< 0.015
trans-1,4-Dichloro-2-butene	0.29	< 0.027	< 0.029	< 0.036	< 0.143	<0.080	<7.53	<7.35	< 0.031	< 0.032	< 0.039
Trichloroethene	0.10	0.112J	0.118J	1.02	<0.059	< 0.033	<3.10	<3.03	0.174J	<0.013	<0.016
Trichlorofluoromethane Trichlorotrifluoroethane	1400.00 5600.00	<0.00647 <0.056	<0.00692	<0.00858 <0.074	<0.034	<0.019	<1.78 <15.2	<1.73 <14.9	<0.00736	<0.00748 <0.064	<0.00922 <0.079
Vinyl acetate	1600.00	< 0.011	< 0.011	< 0.014	< 0.056	<0.103	<2.94	<2.87	< 0.012	< 0.012	< 0.015
Vinyl chloride	0.43	< 0.00652	< 0.00697	< 0.00864	< 0.034	< 0.019	<1.79	<1.75	< 0.00742	< 0.00754	< 0.00928
Xylene (total)	210.00	< 0.033	< 0.035	0.298J	< 0.173	1.95	167	68.6J	1.02	0.226J	0.187J
SVOCs		2.000	2.000	2.2300			-07	22100			2.2070
1,2Diphenylhydrazine/Azobenzen	2.40	< 0.00894	< 0.00901	< 0.00900	< 0.00939	< 0.010	< 0.010	< 0.010	< 0.00962	< 0.00981	< 0.010
2,4,5-Trichlorophenol	12499.12	< 0.047	< 0.047	< 0.047	< 0.049	< 0.053	< 0.054	< 0.053	< 0.050	< 0.051	< 0.053
2,4,6-Trichlorophenol	170.00	< 0.062	< 0.062	< 0.062	< 0.065	< 0.070	< 0.070	< 0.069	< 0.066	< 0.068	< 0.070
2,4-Dichlorophenol	1683.88	< 0.063	< 0.064	< 0.064	< 0.066	< 0.072	< 0.072	< 0.071	< 0.068	< 0.069	< 0.072
2,4-Dimethylphenol	2867.85	< 0.050	< 0.050	< 0.050	< 0.053	< 0.057	< 0.057	<0.056	< 0.054	< 0.055	<0.057
2,4-Dinitrophenol 2.4-Dinitrotoluene	1362.67 20.62	<0.211	<0.212	<0.212 <0.056	<0.221	<0.238	<0.241	<0.236 <0.062	<0.227 <0.060	<0.231	<0.238
2.6-Dinitrotoluene	28.05	<0.033	<0.036	<0.036	<0.038	<0.063	< 0.063	< 0.062	<0.060	< 0.061	< 0.063
2-Chloronaphthalene	26000.00	<0.023	<0.023	<0.023	<0.024	<0.024	<0.027	<0.024	<0.023	<0.023	<0.024
2-Chlorophenol	260.00	< 0.030	< 0.030	< 0.030	< 0.032	< 0.034	< 0.035	< 0.034	< 0.033	< 0.033	< 0.034
2-Methylnaphthalene	2477.58	< 0.021	0.128J	0.145J	< 0.022	< 0.024	1.29J	0.55J	< 0.023	< 0.023	0.073J
2-Nitroaniline	2000.00	< 0.044	< 0.045	< 0.044	< 0.046	< 0.050	< 0.050	< 0.050	< 0.048	< 0.048	< 0.050
2-Nitrophenol	405.55	< 0.018	< 0.018	< 0.018	< 0.019	< 0.020	< 0.021	< 0.020	< 0.019	< 0.020	< 0.020
3,3'-Dichlorobenzidine	4.30	< 0.251	< 0.253	< 0.253	< 0.264	< 0.284	< 0.287	< 0.282	< 0.270	< 0.276	< 0.284
3-Nitroaniline	155.19	<0.048	<0.048	< 0.048	< 0.050	< 0.054	< 0.055	< 0.054	< 0.052	< 0.053	< 0.054
4,6-Dinitro-2-methylphenol	0.00	<0.039	<0.039	<0.039	<0.041	<0.044	<0.044	<0.043	< 0.042	<0.042	<0.044
4-Bromophenyl phenyl ether 4-Chloro-3-methylphenol	1.10 2992.21	<0.035	<0.035	<0.035	<0.036	<0.039	<0.040	<0.039 <0.035	<0.037 <0.033	<0.038 <0.034	<0.039 <0.035
4-Chloroaniline	2700.00	<0.031	< 0.031	<0.031	<0.033	<0.033	<0.033	<0.033	<0.033	<0.034	<0.033
4-Chlorophenyl phenyl ether	0.80	<0.039	<0.039	<0.039	<0.041	<0.044	< 0.043	< 0.044	<0.042	<0.043	<0.044
4-Nitroaniline	0.00	<0.073	< 0.074	< 0.074	< 0.077	<0.043	< 0.084	<0.042	<0.079	<0.080	<0.083
4-Nitrophenol	107.23	< 0.136	< 0.137	< 0.137	<0.143	< 0.154	< 0.155	< 0.152	< 0.146	< 0.149	<0.154
Acenaphthene	33000.00	< 0.022	0.142	0.069J	< 0.023	< 0.025	0.233	0.084J	< 0.024	< 0.024	< 0.025
Acenaphthylene	37163.64	< 0.013	0.45J	0.058J	< 0.014	< 0.015	0.574J	0.037J	0.040J	0.045J	< 0.015
Acetophenone	1700.00	< 0.024	< 0.025	0.068J	< 0.026	0.046J	0.951	0.487	< 0.026	< 0.027	< 0.028
Aniline	92.50	<0.021	<0.021	<0.021	<0.022	<0.024	< 0.024	< 0.024	< 0.023	<0.023	<0.024
Anthracene Atrazine (Aatrex)	100000.00 8.60	<0.014	0.257 <0.059	0.113 <0.058	<0.015	<0.016	0.072J <0.066	<0.015 <0.065	<0.015	0.053J <0.064	0.025J <0.066
Benzaldehyde	344.36	<0.035R	<0.036R	<0.035R	<0.037R	<0.040R	<0.040R	<0.040R	<0.038R	<0.039R	<0.040R
Benzidine	0.01	<1.96	<1.96	<1.98	< 2.06	<2.22	<2.24	<2.20	<2.11	<2.16	<2.22
Benzo(a)anthracene	2.30	< 0.017	0.275	0.217	< 0.018	< 0.019	< 0.019	< 0.019	< 0.018	0.094	0.060J
Benzo(a)pyrene	0.23	< 0.023	0.188	0.162	< 0.024	< 0.026	< 0.026	< 0.025	< 0.024	0.103	0.062J
Benzo(b)fluoranthene	2.30	<0.012	0.295J	0.346J	<0.013	<0.014	<0.014	< 0.014	<0.013	0.293J	0.244J
Benzo(g,h,i)perylene Benzo(k)fluoranthene	18581.82 23.00	<0.011	0.236J 0.079J	0.286J 0.074J	<0.011	<0.012 <0.020	<0.012	<0.012 <0.020	0.181J <0.019	0.328J 0.065J	0.228J 0.038J
Benzoic acid	496.39	<0.018	< 0.137	< 0.137	<0.019	< 0.020	<0.021	<0.020	<0.019	< 0.149	< 0.154
Benzyl alcohol	6245.03	<0.046	< 0.046	< 0.046	< 0.048	<0.052	< 0.052	< 0.051	<0.049	< 0.050	< 0.052
Biphenyl	193.66	< 0.013	0.062J	0.058J	0.029J	< 0.015	0.435J	0.180J	< 0.014	< 0.014	< 0.015
Bis(2-Chloroethoxy)methane	6.25	< 0.022	< 0.022	< 0.022	< 0.023	< 0.025	< 0.025	< 0.024	< 0.023	< 0.024	< 0.025
Bis(2-Chloroethyl)ether	0.62	<0.030	< 0.030	< 0.030	< 0.031	<0.034	< 0.034	< 0.033	< 0.032	< 0.033	<0.034
Bis(2-Chloroisopropyl)ether	107.99	<0.020	< 0.020	<0.020	<0.021	< 0.023	<0.023	< 0.023	<0.022	<0.022	<0.023
Bis(2-Ethylhexyl)phthalate	140.00 240.00	<0.015	0.275	0.501	0.112	<0.017	<0.017 <0.00947	<0.017 <0.00930	0.115 <0.00892	0.154	0.123
Butyl benzyl phthalate Caprolactam	240.00 234.60	<0.00828	<0.00835 27.5	<0.00834	<0.00871 <0.044	<0.00938 <0.047	<0.00947	<0.00930	<0.00892 <0.045	<0.00909 <0.046	<0.00938 <0.047
Caprolactam Carbazole	96.00	<0.042	<0.028	<0.042	<0.044	<0.047	<0.048	<0.047	<0.045	<0.046	<0.047
Chrysene	230.00	<0.028	0.377J	0.215J	< 0.014	< 0.015	< 0.015	< 0.015	0.023J	0.133J	0.081J
Dibenz(a,h)anthracene	0.23	< 0.011	< 0.011	< 0.011	< 0.011	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012
Dibenzofuran	1700.00	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015	< 0.016	< 0.015	< 0.015	< 0.015	< 0.015

TABLE 6 - SOIL ANALYTICAL DATA RELATIVE TO COMPARISON CRITERIA⁽¹⁾

		SAMPLE DESIGNATION ⁽³⁾									
Chemicals of Interest	Comparison Criteria ⁽²⁾	T-15-F	T-21-F	NC-0-0.3	T_2_	T-6- FLOOR	T-6- EAST	T-6- SOUTH	T-6- NORTH	SC-W	SC-E
Diethyl phthalate	2041.30	< 0.036	< 0.037	< 0.037	< 0.038	< 0.041	< 0.041	< 0.041	0.044J	0.045J	< 0.041
Dimethyl phthalate	932.98	< 0.00870	< 0.00877	< 0.00876	< 0.00914	< 0.00985	< 0.00994	< 0.00976	< 0.00937	< 0.00955	< 0.00985
Di-n-butyl phthalate	16229.73	< 0.00948	< 0.00956	< 0.00955	0.015J	0.013J	< 0.011	0.017J	< 0.010	< 0.010	< 0.011
Di-n-octyl phthalate	27000.00	< 0.013	< 0.013	< 0.013	< 0.014	< 0.015	< 0.015	< 0.014	< 0.014	< 0.014	< 0.015
Fluoranthene	24000.00	0.017J	0.352J	0.42	< 0.00913	< 0.00984	0.040J	0.048J	0.015J	0.178J	0.111J
Fluorene	24775.76	< 0.012	0.16	0.115	0.020J	< 0.014	0.268	0.106	< 0.013	< 0.013	0.018J
Hexachlorobenzene	1.20	< 0.047	< 0.047	< 0.047	< 0.049	< 0.053	< 0.054	< 0.053	< 0.051	< 0.052	< 0.053
Hexachlorocyclopentadiene	10.18	< 0.059	< 0.059	< 0.059	< 0.062	< 0.066	< 0.067	< 0.066	< 0.063	< 0.064	< 0.066
Hexachloroethane	140.00	< 0.058	< 0.059	< 0.059	< 0.061	< 0.066	< 0.067	< 0.065	< 0.063	< 0.064	< 0.066
Indeno(1,2,3-cd)pyrene	2.30	< 0.016	0.257J	0.312J	< 0.017	< 0.018	< 0.018	< 0.018	< 0.017	0.333J	0.259J
Isophorone	1903.23	< 0.013	< 0.013	< 0.013	< 0.014	< 0.015	< 0.015	< 0.014	< 0.014	< 0.014	< 0.015
Nitrobenzene	110.00	< 0.018	< 0.018	< 0.018	< 0.019	< 0.021	< 0.021	< 0.020	< 0.020	< 0.020	< 0.021
n-Nitrosodimethylamine	0.04	< 0.020	< 0.020	< 0.020	< 0.021	< 0.023	< 0.023	< 0.022	< 0.021	< 0.022	< 0.022
n-Nitrosodi-n-propylamine	0.27	< 0.020	< 0.020	< 0.020	< 0.021	< 0.023	< 0.023	< 0.023	< 0.022	< 0.022	< 0.023
n-Nitrosodiphenylamine	390.00	< 0.012	< 0.013	< 0.013	< 0.013	< 0.014	< 0.014	< 0.014	< 0.013	< 0.014	< 0.014
o-Cresol	1922.57	< 0.012	< 0.012	< 0.012	< 0.013	< 0.014	0.156J	< 0.013	< 0.013	< 0.013	< 0.014
Pentachlorophenol	10.00	< 0.032	< 0.032	< 0.032	< 0.034	< 0.036	< 0.037	< 0.036	< 0.035	< 0.035	< 0.036
Phenanthrene	18581.82	< 0.016	1.18	0.493	0.024J	< 0.018	0.29	0.129	0.019J	0.105	0.077J
Phenol	2384.11	< 0.019	< 0.019	< 0.019	< 0.020	< 0.022	< 0.022	< 0.021	0.092J	< 0.021	< 0.022
Pyrene	18581.82	< 0.055	0.832J+	0.380J	< 0.058	< 0.062	0.063J	< 0.062	< 0.059	0.220J	0.122J
Pyridine	142.66	< 0.022	< 0.022	< 0.022	< 0.023	< 0.025	< 0.025	< 0.025	< 0.024	< 0.024	< 0.025

- 1. All values in mg/kg.
- 2. Comparion criteria are the lower of the chemical of interest's EPA Region 6 Soil Screening Criteria value and TCEQ Tot Soil_{Comb} value.

 3. Sample locations are as follows (see text for additional descriptions):

 T-15-F: from base of scraped area approximately 0.8 ft. below ground surface (bgs)

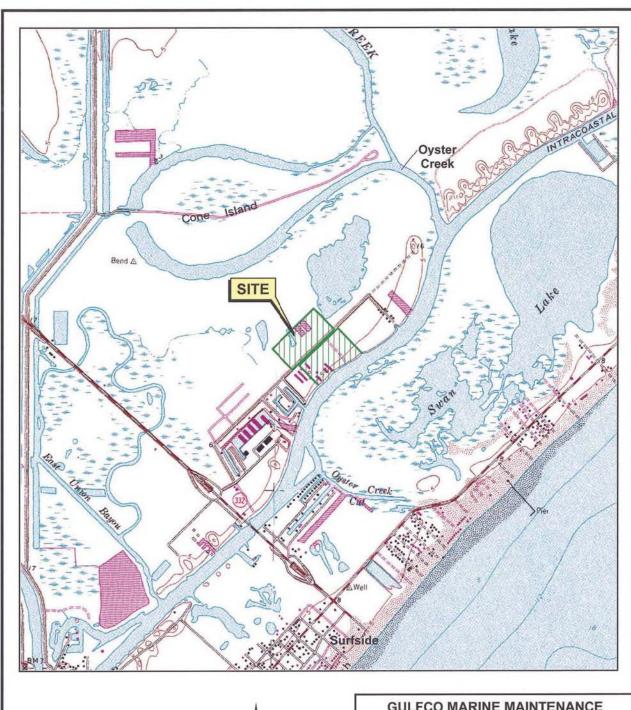
 T-21-F: from base of scraped area approximately 0.5 ft. bgs

 NC-0-0.3: from containment area floor surface to depth of 0.3 ft. bgs

- T-2-WEST: west wall of excavation, acra southwest corner, 2.5 ft bgs
 T-6-FLOOR: floor of excavation, 5.8 ft bgs
 T-6-EAST: east wall of excavation, 4.0 ft bgs
 T-6-SOUTH: south wall of excavation, 4.5 ft bgs

- T-6-NORTH: north wall of excavation, 2.0 ft bgs
- SC-W: clay surface at base of trench, 0.7 ft bgs
- SC-E: clay surface at base of trench, 0.7 ft bgs
- 4. Bold values exceed comparison criteria.
- 5. Data Qualifiers: J = estimated value; J+ = estimated value, biased high; R = rejected value.







Source:
Base map taken from http://www.tnris.state.tx.us Freeport, Texas 7.5 min.
U.S.G.S. quadrangle, 1974.

Scale in Feet

1000

GULFCO MARINE MAINTENANCE FREEPORT, BRAZORIA COUNTY, TEXAS

Figure 1

SITE LOCATION MAP

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Site Boundary (approximate)

Lot Boundary (approximate)



Approx. Scale in Feet

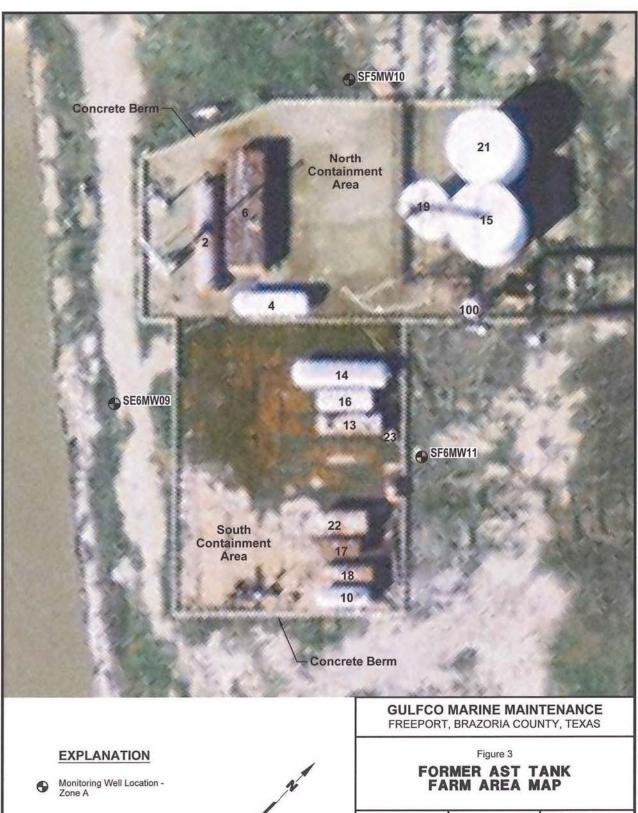
250

Source of photo: H-GAC, Texas aerial photograph, 2006.

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Note: Tank numbers, except 100, from LTE, 1999. Tank 100 (empty tank) removed by Hurricane like storm surge in September 2008.

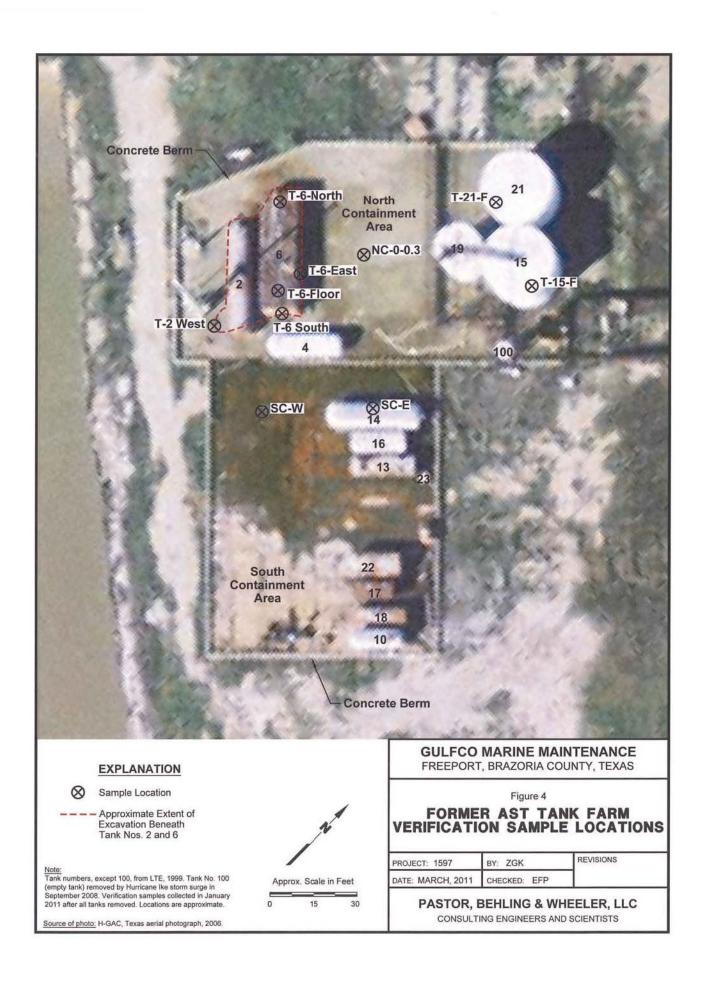
Source of photo: H-GAC, Texas aerial photograph, 2006.



PROJECT: 1597	BY: ZGK	REVISIONS
DATE: MARCH 2011	CHECKED FEP	

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APPENDIX A REMOVAL ACTION WORK PLAN

GULFCO MARINE MAINTENANCE SUPERFUND SITE REMOVAL ACTION WORK PLAN

JUNE 9, 2010

GULFCO MARINE MAINTENANCE SUPERFUND SITE REMOVAL ACTION WORK PLAN

I. INTRODUCTION

A. Purpose of the Work Plan

This Work Plan sets forth certain requirements for completion of a removal action to remove or eliminate certain wastes, thereby eliminating or reducing risks from potential exposure pathways from those wastes at or from the Gulfco Marine Maintenance Superfund Site (the "Site"). The work described herein shall be implemented upon EPA's signing of the Administrative Settlement Agreement and Order on Consent for Removal Action (AOC).

B. Description of Action

An aboveground storage tank farm ("AST Tank Farm") located in the southern portion is to be addressed by this Removal Action. The AST Tank Farm is a concrete bermed area containing 14 above-ground storage tanks (a fifteenth tank, Tank No. 100, which was empty, was removed from the Site in September 2008 by Hurricane Ike storm surge), three of which appear to be empty. The tank locations and designations are shown on Figure 1. The contents of the tanks are to be removed and the tanks demolished. The concrete containment slab and walls will remain in place, except that the walls shall be breached so that rainfall will freely drain from the structure. Any accumulated water contained within the bermed area shall be characterized and properly managed. Any buried pipes will be capped at the surface after removing the contents of the pipes. The tanks' contents and structures, containerized wastes, and debris will be properly managed off-site.

The specific objectives for the AST Tank Farm Removal Action are: (1) to prevent the release of chemicals of concern that are stored in the tanks and any other containers, and (2) to prevent the exposure of site workers and visitors to chemicals of concern remaining in the tanks following removal of the stored liquids and other materials. The tanks contain water, various organic phases, oily sludges, and sand, rust solids, and debris. The tanks' contents include: benzene; chloroform; 1,2-dichloroethane; trichloroethylene; tetrachloroethylene; vinyl chloride; and petroleum hydrocarbons in various concentrations.

II. WORK TO BE PERFORMED

A. Preconstruction Activities

Preconstruction activities will consist of a Site inspection and assessment, and preparation of a Health and Safety Plan (HASP). The HASP will be prepared in compliance with Occupational Safety and Health Administration and EPA requirements. The HASP will be submitted to EPA and will be in place prior to any onsite construction activities. Site inspection and assessment shall begin with cutting weeds and vegetation as necessary to perform a visual inspection of the removal action area. This inspection shall be performed for safety purposes and to identify any drums or containers, which shall be visually inspected, inventoried, labeled with a control number, and logged, as necessary.

Sampling and Analysis Plan

Sampling of the AST contents was performed during the period from December 14 through 15, 2006 in accordance with a Work Plan dated November 6, 2006 (and addendum dated December 1, 2006) that were approved by an EPA letter dated December 4, 2006. As part of sampling activities, fluid levels were gauged in all ASTs and samples were collected from separate solid and liquid phases within the tanks, where present. In addition to the AST samples, samples of water accumulated within the north and south containment areas of the AST Tank Farm were collected on December 14, 2006. The AST and water samples were transported to Gulf Coast Analytical Laboratories, Inc. (GCAL) in Baton Rouge, Louisiana for analysis for various waste characterization parameters (e.g., reactivity, corrosivity, ignitability, toxicity). The results of these analyses are summarized on attached Tables 1 through 4. The original laboratory reports for these analyses were included in a report describing the tank sampling activities that was submitted to EPA on April 4, 2007. A summary of the projected tank volumes based on the gauging estimates is provided in Table 5.

The AST and water sample data listed in Tables 1 through 4 will be used for the classification and profiling of waste streams for off-site management (treatment, disposal and/or recycling) as acceptable to the intended management facilities. Possible off-site waste management facilities are listed in Table 6. All materials will be managed at a facility that is in compliance with EPA's "Off-Site Rule". Should more recent or additional data be required by these facilities or the tank removal contractor, additional sampling and analyses will be performed as described below. Additional samples may be collected from the accumulated water within each of the north and south containment areas if necessary to evaluate possible discharge or other management options for that material. Sampling of accumulated sludge (if any) within the containment berms will be performed as necessary.

<u>Tank Gauging</u> – Prior to sampling or content removal (if sampling is not required), each AST will be gauged to verify the approximate content volume. For gauging and sampling purposes, the tanks will be accessed utilizing ladders and/or man lifts. Gauging will be performed using various devices, such as weighted lines, gauge

rulers, visible means, or other appropriate method based on the tank size and location, content characteristics, and content volume.

<u>Sample Collection</u> – Samples will be collected using dippers, sampling thieves and/or other sampling devices as appropriate depending on tank size, content type (solid or liquid) and content volume in order to obtain a representative sample. One representative sample will be collected from each tank waste stream. Containment area water and sludge samples will be collected directly from the containment areas using dippers, bailers, and/or other appropriate devices.

All sampling equipment will be decontaminated prior to use. Disposable equipment meant to be used only once and discarded will be decontaminated prior to use, unless the equipment is properly packaged and sealed. All non-disposable components of the sampling equipment will be decontaminated as follows:

- Potable water rinse;
- Liqui-nox® detergent wash;
- DI water rinse;
- Liqui-nox® detergent wash;
- DI water rinse; and
- Air dry.

A methanol or hexane rinse may be used if evidence of organic staining is found after equipment has been cleaned. Following decontamination, the sampling equipment will be placed in bags or sealed to keep the equipment clean during storage. All liquids generated as a result of decontamination processes will be containerized and handled as investigation-derived waste (IDW).

Samples will be transferred from the sampling devices to sample containers in a central staging area near the AST Tank Farm. Sample containers will be prepared specifically for the required analyses by the analytical laboratory. Any required preservatives will be placed in the sample containers by the laboratory prior to shipment to the Site.

To prevent misidentification of samples, labels will be affixed to each sample container. Information will be written on the label with a permanent marker. The labels will be sufficiently durable to remain legible even when wet and will contain the following information:

- Sampling identification name;
- Name or initials of collector;
- Date and time of collection;
- Analysis required (if space on label allows); and
- Preservative inside bottle, if applicable.

Sample custody, packaging and shipment will be performed in accordance with Standard Operating Procedure (SOP) No. 6 in the approved Gulfco RI/FS Field Sampling

Plan (FSP) (PBW, 2006a). Samples will be placed in shipping coolers containing bagged, cubed ice immediately following collection. Samples will be shipped to the laboratory via an overnight courier service, generally on the day they are collected.

Evidence of collection, shipment, and laboratory receipt must be documented on a Chain-of-Custody record by the signature of the individuals collecting, shipping and receiving each sample. A sample is considered in custody if it is:

- In a person's actual possession;
- In view, after being in physical possession;
- Sealed so that no one can tamper with it, after having been in physical custody; and/or
- In a secured area restricted to authorized personnel.

Chain-of-Custody Records will be used, by all personnel, to record the collection and shipment of all samples. The Chain-of-Custody Record may specify the analyses to be performed and should contain at least the following information:

- Name and address of originating location of samples;
- Name of laboratory where samples are sent;
- Any pertinent directions/instructions to laboratory;
- Sample type (e.g., aqueous);
- Listing of all sample bottles, size, identification, collection date and time, and preservative, if any, and type of analysis to be performed by the laboratory;
- Sample ID;
- Date and time of sample collection; and
- Signature of collector as relinquishing, with date/time.

The Chain-of-Custody procedure will be as follows:

- The field technician collecting the sample shall be responsible for initiating the Chain-of-Custody Record. Samples can be grouped for shipment on a common form.
- 2) Each time responsibility for custody of the samples changes, the receiving and relinquishing custodians will sign the record and note the date and time.
- The Chain-of-Custody Record shall be sealed in a watertight container, placed in the shipping container, and the shipping container sealed prior to giving it to the carrier. The carrier waybill shall serve as an extension of the Chain-of-Custody Record between the final field custodian and receipt in the laboratory. The commercial carrier is not considered part of the COC chain and is not required to sign the COC.
- 4) Upon receipt in the laboratory, a designated individual shall open the shipping containers, measure and record cooler temperature, compare the contents with the

- Chain-of-Custody Record, and sign and date the record. Any discrepancies shall be noted on the Chain-of-Custody Record.
- 5) If discrepancies occur, the samples in question shall be segregated from normal sample storage and the project manager will be notified for clarification.
- Chain-of-Custody Records, including waybills, if any, shall be maintained as part of the project records.

Sample Analyses - The analytical suite for AST and accumulated sludge samples (if any) will be determined based on the requirements of the removal action contractor and/or the off-site waste management facility to be used for the specific waste stream to be evaluated. Based on the previous data in Table 4, containment area water samples (if needed) will be analyzed for volatile organic compounds (VOCs), pesticides and metals using the methods listed for water samples in the approved RI/FS FSP. Considering the intended use of these data, validation will be performed at Data Review Level 2 as described in the approved Gulfco RI/FS Quality Assurance Project Plan QAPP (PBW, 2006b). Sample analyses will be performed by GCAL, whose laboratory QAPP was provided as Appendix G of the RI/FS QAPP. All analytical data collected for this removal action shall be provided electronically to EPA.

Construction Quality Assurance Plan

The Construction Quality Assurance Plan (CQAP) for the removal action at the AST Tank Farm is provided below. This plan describes the project-specific components of the performance methods and quality assurance program to ensure that the completed project meets or exceeds all design criteria, plans, and specifications.

Responsibilities and Authorities - The Construction Quality Assurance (CQA) Officer will be Eric Pastor, P.E. of Pastor, Behling & Wheeler, LLC (PBW). Mr. Pastor will be assisted in the day-to-day project inspection activities by other PBW personnel, all of whom will have an appropriate level of engineering and/or consulting experience for their assigned responsibilities. EPA and/or its contractors may perform additional construction inspection/oversight at EPA's discretion.

<u>CQA Qualifications</u> - Mr. Pastor's and PBW's qualifications were provided to EPA in a letter dated August 26, 2005. As noted above, all inspection personnel will have an appropriate level of engineering and/or consulting experience for their assigned responsibilities.

CQA Inspection and Verification Activities – A CQA inspector will be on-site to monitor the performance of all tank content removal, truck loading, tank decontamination, and tank demolition activities; verify compliance with environmental requirements; and ensure compliance with all health and safety procedures. The CQA inspector will verify that removal action activities have been performed in accordance with this Work Plan and the project specifications. A CQA inspector will also collect the containment berm water and sludge (if any) samples as described above. CQA

inspection documentation will be performed in accordance with SOP No. 1 provided in Appendix A of the approved RI/FS FSP. This documentation will be retained in the project files in accordance with the requirements of Section XI of the AOC.

Regulatory Compliance Plan

In accordance with the National Contingency Plan, removal actions under Section 106 of CERCLA are required to meet the substantive requirements of other laws unless an ARAR waiver is granted by the lead regulatory agency. Compliance with the administrative requirements (e.g., permitting, administrative reviews, reporting, and record keeping) of other laws is not required under CERCLA. The substantive ARARs are divided into the three categories:

- Chemical-specific requirements, health- or risk-based numerical values, or methodologies that specify the acceptable amount or concentration of a chemical that may be found in, or discharged to, the environment;
- Location-specific requirements- restrictions placed on the types of activities that
 can be conducted or on the concentration of hazardous substances that can be
 present solely because of the location where they will be conducted; and
- Action-specific requirements- technology or activity-based requirements or limitations on actions taken with respect to hazardous wastes.

<u>Chemical-specific requirements</u> – The primary chemical-specific requirements for the removal action at the AST Tank Farm are the chemical-specific waste classification standards under 30 TAC 335 Subchapter R and the hazardous waste identification requirements in 40 CFR Part 261. These requirements will be used for the classification of the tank contents prior to removal and off-site management.

<u>Location-specific requirements</u> – No location-specific requirements were identified for this removal action.

<u>Action-specific requirements</u> – Action-specific requirements for the removal action at the Former AST Tank Farm include the following:

• Texas Commission on Environmental Quality (TCEQ) standards for hazardous waste generators (30 TAC Chapter 335, Subchapter C), including the Land Disposal Restrictions (Chapter 335, Subchapter 0) for any wastes to be landfilled will apply. Procedures to be implemented for compliance with generator requirements include completion of a One-Time Shipment Request for Texas Waste Code For Shipment of Hazardous and Class 1 Waste (TCEQ Form 0757) and/or other required forms. Compliance with off-site waste shipment requirements including, U.S. Department of Transportation (DOT) regulations contained in 49 C.F.R. 173, and 179 and placarded regulations in 49 C.F.R. 172 will be ensured through the use of only permitted waste haulers. Compliance with off-site waste management requirements, including Resource Conservation and Recovery Act (RCRA), 42 U.S.C. § 6901, et seq. at 40 C.F.R. 260 et seq. and

related Texas state requirements will be ensured through the use of only the potential facilities listed in Table 6. Compliance with the provisions of the NCP, 40 C.F.R. 300.440, with regard to EPA approval of the off-site waste management facilities will be performed through EPA approval of this Work Plan.

 TPDES permit requirements for wastewater discharge will be used to determine limits for discharge of water collected within the AST Tank Farm containment berms to the Intracoastal Waterway.

Waste Management Plan

The AST data listed in Tables 1 through 4, as supplemented by additional data collected through the sampling and analytical activities described in this Work Plan, will be used for the classification and profiling of waste streams for off-site management (treatment, disposal and/or recycling) as acceptable to the intended management facilities. Hazardous and non-hazardous wastes, as well as non-waste materials, shall be handled and managed in accordance with all applicable or relevant and appropriate requirements. To the extent possible based on tank content volumes, characteristics and waste classifications, the tank contents will be transferred directly from the tanks to the waste haulers (typically vacuum tankers) for liquid waste. Waste loads will be transported to one or more of the facilities listed in Table 6. All off-site transportation and management will be performed in accordance with applicable USDOT requirements. All materials will be managed at a facility that is in compliance with EPA's "Off-Site Rule". Wastewater from tank decontamination operations will be handled similarly. Following decontamination through triple rinsing, tanks not identified for re-use will be cut up and sold as scrap or disposed as non-hazardous waste. All loads will be properly manifested prior to leaving the Site.

Emissions Control Plan

During tank liquid content transfer operations, tank vapors will be vented through carbon canister or similar devices. Air exhaust from vacuum trucks and any other exhaust that potentially could contain volatile emissions shall be captured and treated onsite with vapor-phase carbon.

Ambient air monitoring will be periodically performed by the remediation contractor while tank contents are being transferred from the ASTs to trucks, and while gauging and sampling (if any) of the ASTs is being performed. Monitoring will be performed for total organic vapors using an organic vapor meter with a photoionization detector. Ambient air monitoring will be performed both within the work zone and on the downwind perimeter of the work area. Air monitoring results within the work area will be evaluated in accordance with procedures established in the HASP. If a sustained reading (more than 60 seconds) of 10 ppmv or higher is measured at a perimeter monitoring location, work activities upwind of that location will temporarily cease. Monitoring will then be performed at that location every five minutes for 15 minutes (three times). If concentrations of total organic vapors subside below the 10 ppmv action level, work may resume with continued focused monitoring performed at that location. If

total organic vapor concentrations do not subside below the 10 ppmv action level, or if vapor concentrations consistently return to 10 ppmv or higher after work is resumed, the PBW and EPA Project Managers will be notified and potential engineering and/or other controls and contingency plans will be discussed and implemented as necessary prior to further work resumption. During tank content transfer activities, additional monitoring may be performed using chemical-specific Draeger tubes. Monitoring measurements will be recorded by contractor personnel and will be included in the Final Report.

Contingency Plan

This contingency plan describes procedures to minimize hazards to human health and the environment from fires, explosions, or any unplanned sudden or non-sudden release of hazardous waste constituents, procedures to be followed in the event of a spill, and procedures to be followed for movement of equipment and personnel from low-lying areas during a high water event.

Spill Prevention – In order to minimize the potential for spills or release of hazardous constituents to the environment, liquid tank contents will be transferred directly to transport trucks when possible. Potential spills at the tanks during this process will be contained by the existing tank containment berms. Receiving trucks will be loaded within temporary loading areas constructed to contain potential spills during the loading process. Spill control and cleanup kits along with fire extinguishers and eye wash kits will be located in the AST Tank Farm and loading areas.

Spill Response/Notification – In the event of a spill, field crews will immediately contain the spill as necessary to prevent a release and notify on-site CQA and EPA representatives. If not on-site, the EPA OSC will be notified immediately thereafter. In the event of any spill which causes or threatens a release of waste material from the Site that constitutes an emergency situation or may present an immediate threat to public health or welfare or the environment, Respondents shall immediately notify the OSC or, in the event of his/her unavailability, the Regional Duty Officer, Emergency Planning and Response Branch, EPA Region 6, 214-665-3166, and the EPA Regional Emergency 24hour telephone number, 1-866-372-7745. In addition, in the event of any release of a hazardous substance from the Site which, pursuant to Section 103 of CERCLA, requires reporting to the National Response Center, Respondents shall immediately notify the National Response Center at (800) 424-8802 and then the OSC at (866) 372-7745.-. A written report will be submitted to EPA within 7 days after a release of a hazardous substance from the Site that requires reporting to the National Response Center pursuant to Section 103(a) of CERCLA, 42 U.S.C. § 9603(a), setting forth the events that occurred and the measures taken or to be taken to mitigate any release or endangerment caused or threatened by the release and to prevent the recurrence of such a release.

Site Activities during High Water Event – In the event that a high water condition (storm surge or hurricane) is predicted for the Site during the performance of the Work, the remediation contractor will take appropriate precautions to secure tanks, staging areas and equipment. Depending on the specific conditions, these precautions may include evacuation of the Site. The remediation contractor and the CQA officer will work closely

with the EPA representatives to determine the appropriate precautions to be taken on a case by case basis depending on the timing and severity of the predicted high water conditions.

Health and Safety Plan

Prior to Site mobilization, the remediation contractor for the AST Tank Farm removal action will prepare a HASP in accordance with EPA's Standard Operating Safety Guide (PUB 9285.1-03, PB 92-963414, June 1992) and all currently applicable regulations found at 29 CFR 1910.120. The HASP will ensure the protection of the public health and safety during performance of the removal action and will be submitted to EPA for review. Changes to the plan recommended by EPA will be incorporated into the final plan that will be implemented during the pendency of the removal action. All requirements under the Occupational Safety and Health Act (OSHA) of 1970, 29 U.S.C. § 651 et seq., and under the laws of the State approved under Section 18 of the Federal OSHA laws, as well as other applicable safety and health requirements, will be followed. Federal OSHA requirements include Hazardous Materials Operation, 20 CFR § 1910, as amended by 54 Fed. Reg. 9317 (March, 1989), all OSHA General Industry (29 CFR § 1910) and Construction (29 CFR § 1926) standards wherever they are applicable, as well as OSHA record keeping and reporting regulations, and the EPA regulations set forth in 40 CFR § 300, relating to the conduct of work at Superfund sites.

Schedule

The AST Tank Farm removal action will be implemented as described herein. The HASP was previously submitted to EPA for information only but not approval on March 30, 2010. The removal action field activities shall be completed within ninety (90) calendar days of the Effective Date of the AOC. The Draft Tank Removal Report shall be submitted to EPA within one hundred twenty (120) calendar days of the Effective Date of the AOC. The Final Tank Removal Report shall be submitted to EPA within fourteen (14) calendar days following receipt of EPA comments on the draft Removal Report. Any associated documentation (e.g., transporter and disposal facility manifests, weigh tickets, etc.) received after the Final Report is submitted will be provided as an addendum to the report.

B. Mobilization and Site Preparation

Mobilization and site preparation will involve mobilizing personnel, equipment, supplies and incidentals onto the project site; establishing all offices and facilities necessary to implement the project; and preparation of the site for the construction work. The major components of site preparation are:

 <u>Utility Connections</u> - Supplying electrical and potable water sources within the work area limits.

 <u>Clearing and Grubbing</u> - Clearing and grubbing and/or mowing areas as required for access to the work and surrounding areas and for constructing roads, work areas, and staging areas.

- <u>Temporary Road Construction</u> Constructing temporary roads as necessary to provide access and egress to the site, and access and egress to the work areas.
- Work/Staging Area Constructing work, staging and containment areas.

C. Removal Action Activities

AST Tank Farm removal action activities will consist of the following tasks:

Task 1 – Accumulated Water Removal – The purpose of this task is to remove any water accumulated within the containment berms in order to facilitate subsequent removal action activities. Data from water samples and other related information will be submitted to the TCEQ for determination of discharge limits that meet substantive TPDES permit requirements. If the water sample concentrations do not exceed these limits, the water will be discharged directly to the Intracoastal Waterway. If the water sample concentrations exceed the discharge limits, then the water will be transported for off-site management at one of the facilities listed in Table 6, or another facility approved in advance by EPA. This task will include the following:

- Sample and analyze the accumulated water, as needed, to confirm previous data, evaluate management options and facilitate removal;
- As necessary, transfer the water to temporary storage tanks to allow the removal action to continue pending determination of water discharge/management options;
- Appropriately manage (discharge or otherwise manage) the accumulated water based on the sample analyses and management option evaluation, in accordance with all applicable state and federal regulations; and
- d. Secure all records documenting the water characterization and subsequent management.

Task 2 – Container Content Removal and Disposal - The purpose of this task is to remove residual materials within AST Tank Farm containers followed by off-site management. Specifically, the liquid and sludge/solid contents of the above-ground storage tanks will be removed from the tanks and either recycled or disposed at one of the potential facilities listed in Table 6. To the extent possible based on tank content volumes, characteristics and waste classifications, the liquid tank contents will be transferred directly from the tanks to the waste haulers (typically vacuum tankers). The removal method for the tank contents will be determined after selection of the remedial contractor and will be selected and implemented to control volatile emissions. Debris that is encountered will be removed by suitable methods and placed into lined roll-off containers that will be covered except while the debris is being added. Transport of

residual containerized materials/wastes to appropriate off-site management facilities will be performed in accordance with all applicable state and federal regulations. All records documenting the waste stream characteristics, classifications, quantities and final management locations will be secured as part of this task.

<u>Task 3 – Container Removal</u> - The purpose of this task is to remove containers associated with former Site operations (e.g., ASTs and drums) from the AST Tank Farm area. The following activities will be performed as part of this task:

- a. Evaluate the potential for re-use of containers. Based on this evaluation, identify containers for re-use and containers for demolition and disposal/recycling;
- b. Decontaminate containers intended for re-use. Implement decontamination procedures on a container-specific basis considering former content characteristics and process knowledge. Decontamination procedures for containers intended for re-use will include the following:
 - 1. Remove material adhered to container sides using shovel or other tool;
 - 2. Scrub with a brush and detergent (or alternative cleaning solution as appropriate);
 - 3. Rinse with water;
 - 4. Repeat above steps; and
 - 5. Evaluate container condition and repeat one or more of above steps as necessary to provide visible indication of sufficient decontamination for container re-use. Alternative decontamination methods may be used as necessary and appropriate depending on the container contents and its intended re-use.
- c. Manage all decontamination fluids in accordance with applicable state and federal regulations. Document decontamination procedures used;
- d. Remove re-usable containers from the Site following proper decontamination.

 Document recipient of container to be reused; and
- e. Decontaminate and demolish all containers not suitable for re-use.

Decontamination procedures for containers intended for demolition will include the following:

- 1. Remove material adhered to container sides using shovel or other tool;
- 2. Scrub with a brush and detergent (or alternative cleaning solution as appropriate);

- 3. Rinse with water; and
- 4. Evaluate container condition and repeat one or more of above steps as necessary to provide visible indication of sufficient decontamination for container demolition. Alternative decontamination methods may be used as necessary and appropriate depending on the container contents and the demolition method to be used.

Demolition may be performed on or off-site. Secure a certificate of destruction for each item demolished. Transport tank demolition debris off-site for recycling or disposal.

<u>Task 4 – AST Containment Area Decontamination</u> - The purpose of this task is to decontaminate the former AST containment areas. The following activities will be performed as part of this task:

- a. Sample and analyze residual sludge (if any) within the containment berms to evaluate management options and facilitate waste classification (if needed);
- Remove and manage the sludge (if any) in accordance with all applicable state and federal regulations;
- c. Thoroughly pressure-wash the concrete floor and berms of the former AST Tank Farm and manage all washwater in accordance with all applicable state and federal regulations.
- d. Demolish sections of the concrete containment berms at multiple locations as needed to preclude potential future water accumulation within this area (the number, area and locations where the berms will be demolished will be determined after an evaluation of water flow/accumulation patterns within the containment area during the pressure washing); and
- e. Secure all records documenting the sludge characterization and subsequent management.

D. Emissions Control

The emissions control plan described above will be implemented throughout the removal and material-handling phases of the removal action to control air emissions. As noted therein, the air exhaust from any vacuum trucks and any other exhaust that potentially could contain volatile emissions (not including routine motor vehicle/construction equipment exhaust) will be captured and treated onsite with vaporphase carbon.

E. Site Restoration and Demobilization

After completion of the removal action, the temporary roads and work areas will be dismantled and removed. Personnel, equipment, office trailer, supplies and incidentals that were used on the removal project will be removed from the site, unless required for the completion of other work at the Site.

F. Preparation of Final Report

Any associated documentation (e.g., transporter and disposal facility manifests, weigh tickets, etc.) received after the Final Report is submitted will be provided as an addendum to the report. The Final Report will summarize the activities performed and will be submitted to the RPM/OSC for review and approval. The Final Report will include a listing of quantities and types of materials removed off-site or handled on-site, a discussion of removal and disposal options considered for those materials removed, a listing of the ultimate destination(s) of those materials, a presentation of the analytical results of all sampling and analyses performed, and accompanying appendices containing all relevant documentation generated during the removal action.

III. REFERENCES

Guevara, Jairo, 1989. Record of Communication for Reconnaissance Inspection of Former Surface Impoundments of Fish Engineering & Construction, Inc. November 28.

LT Environmental, Inc. (LTE), 1999. Site Characterization Report. Hercules Marine Service Site Freeport, Brazoria County Texas. June.

Pastor, Behling & Wheeler, LLC (PBW), 2006a. Sampling and Analysis Plan – Volume I Field Sampling Plan, Gulfco Marine Maintenance Site, Freeport, Texas. March 14.

Pastor, Behling & Wheeler, LLC (PBW), 2006b. Sampling and Analysis Plan – Volume II Quality Assurance Project Plan, Gulfco Marine Maintenance Site, Freeport, Texas. March 14.



Table 1 Gulfco Former AST Tank Farm Tank Sample - RCI/Toxicity Data

Tank No.	Sample ID.	Physical Description	Hd	Reactivity Sulfide	Reactivity Cyanide	Flashpoint	Arsenic	Barium	Benzene	Cadmium	Carbon Tetrachloride
TOTAL TOTAL	- Carripio (D)	T TIJOTOGI D GOOTIPUOT		ppm	ppm	Deg. F.	mg/L	mg/L	mg/L	mg/L	mg/L
Tank No. 2	TK-2-0	Aqueous Phase	NA	NA	NA	NA	<0.0024	12.1	<0.177	NA	NA
	TK-2-0	Organic Phase	5.95	112	<250	>212	<0.0024	8.19	0.415 J	0.0033 B	<0.013
	TK-2-S	Solids- sand, debris, etc.	NA	NA	NA	NA	<0.0024	2.82	24.1	0.0038 B	<0.256
Tank No. 4	TK-4-A	Oily Water	7.4	<96	<250	>212	<0.0024	29.7	<0.000177	0.016	<0.000336
Tank No. 6	TK-6-S	Rust Solids	NA	NA	NA	NA	<0.0024	0.89 B	<0.009	0.002 B	<0.00512
Tank No. 13	TK-13-O	Oily sludge	6.89	80	<250	>212	<0.0024	0.27 B	13.8	<0.00022	<0.128
Tank No. 14	None	Empty (2 in. of rust solids)	NA	NA	NA NA	NA	NA	NA	NA	NA	NA
Tank No. 15	TK-15-O	Oily sludge	6.38	<80	<250	126	<0.0024	0.22 B	5.3	<0.00022	<0.00512
Tank No. 16	TK-16-O	Oily sludge	6.31	<80	<250	>212	<0.0024	0.39 B	<0.009	<0.00022	<0.00512
Tank No. 17	TK-17-S	Rust solids	NA	NA	NA	NA	<0.0024	0.56 B	<0.009	0.0012 B	<0.00512
Tank No. 18	TK-18-O	Light Organic Phase	3.37	<417	<250	90	<0.024	0.53 B	<9	<0.0022	<5.12
Tank No. 19	TK-19-O	Oily sludge	6.75	216	<250	104	<0.0024	1.33	<4.5	<0.00022	<2.56
Tank No. 21	TK-21-A	Oily water	8.5	<80	<250	>212	<0.0024	0.0021 B	51.6 J	<0.00022	<5.12
Tank No. 22	TK-22-O	Oily sludge	6.74	<80	<250	>212	<0.0024	0.28 B	<0.009	<0.00022	<0.00512
Tank No. 23	TK-23-O (mg/kg)	Appears to be diesel	6.72	160	<250	126	<0.16	0.26B	<2.08	<0.013	<2.4
North Containment Area	Dike North	Water	NA	NA	NA NA	NA	0.012	1.17	0.011	<0.00019	0.00889 J
South Containment Area	Dike South	Water	NA	NA	NA	NA	0.024	0.49	0.015	<0.00019	<0.000336
Hazardous Criteria			= 2 or /= 12.5	>/= 500	>/= 250	<140	5	100	0.5	1	0.5

Table 1 Gulfco Former AST Tank Farm Tank Sample - RCI/Toxicity Data

Tank No.	Sample (D.	Physical Description	Chlordane	Chlorobenzene	Chloroform	Chromium	o-Cresol	m,p-Cresol	Cresol	1,2-Dichloroethane	1,4-Dichlorobenzene	2,4'-D
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Tank No. 2	TK-2-O TK-2-O TK-2-S	Aqueous Phase Organic Phase Solids- sand, debris, etc.	NA <0.00008 <0.00008	<0.162 <0.021 <0.426	1.5 J 2.25 20.7	0.16 <0.0012 0.0045 B	<0.409 <0.0012 0.00275 J	<0.368 <0.0014 <0.0014	NA <0.003 0.00414 J	7.97 8.4 203	<0.0538 <0.0011 <0.0011	NA <0.0027 <0.0027
Tank No. 4	TK-4-A	Oily Water	NA	<0.000162	<0.00018	<0.0012	<0.00327	<0.00295	NA	<0.000176	<0.000538	<0.00027
Tank No. 6	TK-6-S	Rust Solids	<0.00008	<0.00852	<0.00776	<0.0012	<0.0012	<0.0014	<0.003	<0.0082	<0.0011	<0.0027
Tank No. 13	TK-13-0	Oily sludge	<0.00008	<0.213	1.32 J	<0.0012	<0.0012	0.00143 J	<0.003	2.73 J	<0.0011	<0.0027
Tank No. 14	None	Empty (2 in. of rust solids)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tank No. 15	TK-15-O	Oily sludge	<0.00008	<0.00852	<0.00776	<0.0012	<0.013 J	<0.0014	0.013 J	<0.0082	<0.0011	<0.0027
Tank No. 16	TK-16-O	Oily sludge	<0.00008	<0.00852	<0.00776	<0.0012	<0.0012	0.037 J	0.037 J	<0.0082	<0.0011	<0.0027
Tank No. 17	TK-17-S	Rust solids	<0.0004	<0.00852	<0.00776	<0.0012	<0.0012	<0.0014	<0.003	<0.0082	<0.0011	<0.0027
Tank No. 18	TK-18-O	Light Organic Phase	<0.01431	<8.52	216	<0.012	<0.1764	<0.2134	<0.444	<8.2	<0.1577	<0.0027
Tank No. 19	TK-19-O	Oily sludge	<0.00008	<4.26	<3.88	<0.0012	0.0046 J	<0.0014	0.00486 J	<4.1	<0.0011	<0.0027
Tank No. 21	TK-21-A	Oily water	<0.00008	<8.52	2100	<0.0012	<0.0012	<0.0014	<0.003	224	<0.0011	<0.0027
Tank No. 22	TK-22-O	Oily sludge	<0.00008	<0.00852	<0.00776	<0.0012	<0.0012	0.00364 J	0.00364 J	<0.0082	<0.0011	<0.0027
Tank No. 23	TK-23-O (mg/kg)	Appears to be diesel	NA	<3.31	<2.83	<0.049	NA	NA	NA	<2.28	<8.44	NA
North Containment Area	Dike North	Water	NA	<0.000324	0.095	0.0028 B	<0.000327	<0.000295	NA	0.045	<0.00108	<0.0027
South Containment Area	Dike South	Water	NA	<0.000162	0.03	0.0031 B	<0.000327	<0.000295	NA	0.00304 J	<0.000538	<0.00027
Hazardous Criteria			0.03	100	6	5	200	200	200	0.5	7.5	10

Table 1 Gulfco Former AST Tank Farm Tank Sample - RCI/Toxicity Data

Tank No.	Sample ID.	Physical Description	1,1-Dichloroethene	2,4-Dinitrotoluene	Endrin	Heptachlor	Heptachlor Epoxide	Hexachlorobenzene	Hexachlorobutadiene	Hexachloroethane	Lead
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		ļ				200					
Tank No. 2	TK-2-O	Aqueous Phase	<0.205 <0.023	<0.579 <0.0036	NA <0.00007	NA <0.00004	NA <0.00005	<0.32 <0.0015	<0.45 <0.0017	<1.05 <0.0016	<0.0013 0.043 B
	TK-2-O TK-2-S	Organic Phase Solids- sand, debris, etc.	<0.458	<0.0036	<0.00007	<0.00004	<0.0005	<0.0015	<0.0017	<0.0016	0.0084 B
	TREO	Condo Cario, Gebrio, Cio.	10.100	-0.0000	10.00001	10.00007	40.0000	10.0010	-0.0011	10.0010	0.000115
Tank No. 4	TK-4-A	Oily Water	<0.000205	<0.00464	<0.0000832	<0.0000439	0.00065	<0.00256	<0.00045	<0.00842	0.28
Tank No. 6	TK-6-S	Rust Solids	<0.00916	<0.0036	<0.00007	<0.00004	<0.00005	<0.0015	<0.0017	<0.0016	0.0028 B
Tank No. 13	TK-13-0	Oily sludge	<0.229	<0.0036	<0.00007	<0.00004	0.00057	<0.0015	<0.0017	<0.0016	0.0035 B
Tank No. 14	None	Empty (2 in. of rust solids)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tank No. 15	TK-15-0	Oily sludge	<0.00916	<0.0036	<0.00007	<0.00004	<0.00005	<0.0015	<0.0017	<0.0016	<0.0013
Tank No. 16	TK-16-0	Oily sludge	<0.00916	<0.0036	<0.00007	<0.00004	<0.00005	<0.0015	<0.0017	<0.0016	<0.0013
Tank No. 17	TK-17-S	Rust solids	<0.00916	<0.0036	<0.00033	<0.00019	<0.00024	<0.0015	<0.0017	<0.0016	0.022 B
Tank No. 18	TK-18-O	Light Organic Phase	<9.16	<0.5339	<0.01182	0.029 J	<0.00862	<0.2179	<0.248	<0.2358	<0.013
Tank No. 19	TK-19-O	Oily sludge	<4.58	<0.0036	<0.00007	<0.00004	<0.00005	<0.0015	<0.0017	<0.0016	0.0056 B
Tank No. 21	TK-21-A	Oily water	<9.16	<0.0036	<0.00007	<0.00004	<0.00005	<0.0015	<0.0017	<0.0016	<0.0013
Tank No. 22	TK-22-O	Oily sludge	<0.00916	<0.0036	<0.00007	<0.00004	<0.00005	<0.0015	<0.0017	<0.0016	<0.0013
Tank No. 23	TK-23-O (mg/kg)	Appears to be diesel	<3.19	NA	NA	NA	NA	NA	<24.9	NA	<0.097
North Containment Area	Dike North	Water	<0.000411	<0.000464	<0.00000832	<0.00000439	<0.00000732	<0.000256	<0.0009	<0.000842	<0.0013
South Containment Area	Dike South	Water	<0.000205	<0.000464	<0.00000832	<0.00000439	0.0000329	<0.000256	<0.00045	<0.000842	0.0044 B
Hazardous Criteria			0.7	0.13	0.02	0.008	0.008	0.13	0.5	3	5

Table 1 Gulfco Former AST Tank Farm Tank Sample - RCI/Toxicity Data

Tank No.	Sample ID.	Physical Description	Lindane	Mercury	Methoxychlor	MEK	Nitrobenzene	Pentachlorophenol	Pyridine	Selenium	Silver
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Tank No. 2	TK-2-O TK-2-O TK-2-S	Aqueous Phase Organic Phase Solids- sand, debris, etc.	<0.00003 <0.00003 <0.00003	0.00004 0.00037 0.00014 B	NA <0.00032 <0.00032	13.4 9.77 30	<0.452 <0.0008 <0.0008	<1.33 <0.0037 <0.0037	<0.437 <0.0182 <0.0182	0.03 B <0.0046 <0.0046	<0.0006 <0.0006 <0.0006
Tank No. 4	TK-4-A	Oily Water	0.00035	0.00017 B	0.0018 J	0.011	<0.00362	<0.011	<0.00349	<0.0046	<0.0006
Tank No. 6	TK-6-S	Rust Solids	<0.00003	0.00013 B	<0.00032	<0.017	<0.0008	<0.0037	<0.0182	0.014 B	<0.0006
Tank No. 13	TK-13-0	Oily sludge	<0.00003	0.00012 B	<0.00032	<0.429	<0.0008	<0.0037	<0.0182	0.006 B	<0.0006
Tank No. 14	None	Empty (2 in. of rust solids)	NA	NA	NA	NA	NA	NA	NA_	NA	NA
Tank No. 15	TK-15-O	Oily sludge	<0.00003	0.00039	<0.00032	0.085 J	<0.0008	<0.0037	<0.0182	0.0095 B	<0.0006
Tank No. 16	TK-16-O	Oily sludge	<0.00003	0.00011 B	<0.00032	0.367	<0.0008	<0.0037	<0.0182	0.013 B	<0.0006
Tank No. 17	TK-17-S	Rust solids	0.0185	0.00015 B	<0.00162	<0.017	<0.0008	<0.0037	<0.0182	<0.0046	<0.0006
Tank No. 18	TK-18-O	Light Organic Phase	<0.00556	<0.0048	<0.05816	<17.2	<0.1262	<0.5607	<2.74	0.88 B	<0.006
Tank No. 19	TK-19-O	Oily sludge	<0.00003	0.00008 B	<0.00032	<8.58	<0.0008	<0.0037	<0.0182	0.0064 B	<0.0006
Tank No. 21	TK-21-A	Oily water	<0.00003	0.00012 B	<0.00032	<17.2	<0.0008	<0.0037	<0.0182	<0.0046	<0.0006
Tank No. 22	TK-22-O	Oily sludge	<0.00003	0.00013 B	<0.00032	0.874	<0.0008	<0.0037	<0.0182	0.0067 B	<0.0006
Tank No. 23	TK-23-O (mg/kg)	Appears to be diesel	NA	0.011	NA	<6.25	NA	NA	NA	1.6B	<0.047
North Containment Area	Dike North	Water	<0.00000255	<0.00004	<0.00000214	<0.00217	<0.000362	<0.00106	<0.000349	0.0049 B	<0.0006
South Containment Area	Dike South	Water	<0.00000255	<0.00004	<0.00000214	<0.00109	<0.000362	<0.00106	<0.000349	<0.0046	<0.0006
Hazardous Criteria			0.4	0.2	10	200	2	100	5	1	5

Table 1 Gulfco Former AST Tank Farm Tank Sample - RCI/Toxicity Data

Tank No.	Sample ID.	Physical Description	Tetrachloroethylene	Toxaphene	Trichloroethylene	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4,5-TP (Silvex)	Vinyl Chloride
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Tank No. 2	TK-2-O TK-2-O TK-2-S	Aqueous Phase Organic Phase Solids- sand, debris, etc.	<0.768 <0.023 55.7	NA <0.00025 <0.00025	0.851 J 1.52 205	<0.508 <0.001 <0.001	<0.525 <0.0021 <0.0021	NA <0.0016 <0.0016	<0.383 0.247 J <0.01
Tank No. 4	TK-4-A	Oily Water	<0.000768	<0.00275	0.00102 J	<0.00406	<0.00042	<0.00013	<0.000383
Tank No. 6	TK-6-S	Rust Solids	<0.00908	<0.00025	0.027 J	<0.001	<0.0021	<0.0016	<0.00356
Tank No. 13	TK-13-0	Oily sludge	47.7	<0.00025	2.98 J	<0.001	<0.0021	<0.0016	0.988 J
Tank No. 14	None	Empty (2 in. of rust solids)	NA	NA	NA	NA	NA	NA	NA
Tank No. 15	TK-15-O	Oily sludge	<0.00908	<0.00025	<0.011	<0.001	<0.0021	<0.0016	<0.00356
Tank No. 16	TK-16-O	Oily sludge	<0.00908	<0.00025	<0.011	<0.001	<0.0021	<0.0016	<0.00356
Tank No. 17	TK-17-S	Rust solids	<0.00908	<0.00125	<0.011	<0.001	<0.0021	<0.0016	<0.00356
Tank No. 18	TK-18-O	Light Organic Phase	<9.08	<0.045	<10.8	<0.1552	<0.3149	<0.0016	<3.56
Tank No. 19	TK-19-O	Oily sludge	<4.54	<0.00025	<5.4	<0.001	<0.0021	<0.0016	<1.78
Tank No. 21	TK-21-A	Oily water	<9.08	<0.00025	<10.8	<0.001	<0.0021	<0.0016	<3.56
Tank No. 22	TK-22-O	Oily sludge	<0.00908	<0.00025	<0.011	<0.001	<0.0021	<0.0016	<0.00356
Tank No. 23	TK-23-O (mg/kg)	Appears to be diesel	<3.85	NA	<3.55	NA	NA	NA	<7.03
North Containment Area	Dike North	Water	0.00627 J	<0.000275	0.018	<0.000406	<0.00042	<0.00013	<0.000765
South Containment Area	Dike South	Water	<0.000768	<0.000275	<0.000702	<0.000406	<0.00042	<0.00013	<0.000383
Hazardous Criteria		1	0.7	0.5	0.5	400	2	1	0.2

Table 1
Gulfco Former AST Tank Farm
Tank Sample - RCI/Toxicity Data

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Tank No.	Sample ID.	Physical Description	Comments
Tools No. 2	TK-2-0	Aqueous Phase	Total Data
Tank No. 2	TK-2-0	Organic Phase	TCLP Data
4-4-	TK-2-S	Solids- sand, debris, etc.	TCLP Data
Tank No. 4	TK-4-A	Oily Water	Total Data
Tank No. 6	TK-6-S	Rust Solids	TCLP Data
Tank No. 13	TK-13-0	Oily sludge	TCLP Data
Tank No. 14	None	Empty (2 in. of rust solids)	
Tank No. 15	TK-15-O	Oily sludge	TCLP Data
Tank No. 16	TK-16-O	Oily sludge	TCLP Data
Tank No. 17	TK-17-S	Rust solids	TCLP Data
Tank No. 18	TK-18-O	Light Organic Phase	TCLP Data
Tank No. 19	TK-19-O	Oily sludge	TCLP Data
Tank No. 21	TK-21-A	Oily water	TCLP Data
Tank No. 22	TK-22-O	Oily sludge	TCLP Data
Tank No. 23	TK-23-O (mg/kg)	Appears to be diesel	Total Data (mg/kg)
North Containment Area	Dike North	Water	Total Data
South Containment Area	Dike South	Water	Total Data

Table 2 Gulfco Former AST Tank Farm Tank Sample TPH/PCB Data

Tank No.	Sample ID.	Physical Description	C6-C12	>C12-C28	>C28-C35	Total TPH (C6-C35)	Arachlor-1016	Arachlor-1221	Arachlor-1232	Arachlor-1242	Arachlor-1248
Tank No. 4	TK-4-A	Oily Water	16.7J	130	<26.6	147	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Tank No. 6	TK-6-S	Rust Solids	<100	1,140	1,630	2,770	<1.2	<1.2	<1.2	<1.2	<1.2
Tank No. 13	TK-13-O	Oily sludge	<10	468,000	275,000	743,000	<120	<120	<120	<120	<120
Tank No. 15	TK-15-O	Oily sludge	135,000	719,000	197,000	>99%	<1.2	<1.2	<1.2	<1.2	<1.2
Tank No. 16	TK-16-O	Oily sludge	<20	761,000	512,000	>99%	<1.2	<1.2	<1.2	<1.2	<1.2
Tank No. 17	TK-17-S	Rust solids	<111	880	360	1,240	<1.33	<1.33	<1.33	<1.33	<1.33
Tank No. 18	TK-18-O	Light Organic Phase	961,000	37,800	<50	999,000	<1.2	<1.2	<1.2	<1.2	<1.2
Tank No. 19	TK-19-O	Oily sludge	59,600	441,000	128,000	629,000	<1.2	<1.2	<1.2	<1.2	<1.2
Tank No. 21	TK-21-A	Oily water	<20	51,400	266,000	780,000	<99.3	<99.3	<99.3	<99.3	<99.3
Tank No. 22	TK-22-O	Oily sludge	<20	789,000	449,000	>99%	<1.2	<1.2	<1.2	<1.2	<1.2
Tank No. 23	TK-23-O	Appears to be diesel	260,000	1,230,000	<50	>99%	<1.2	<1.2	<1.2	<1.2	<1.2
North Containment Area	Dike North	Water	<5.42	2.5J	<5.42	2.5J	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
South Containment Area	Dike South	Water	<5.36	<5.36	<5.36	<16.1	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005

Table 2 Gulfco Former AST Tank Farm Tank Sample TPH/PCB Data

Tank No.	Sample ID.	Physical Description	Arachlor-1254	Arachlor-1260	Comments
Tank No. 4	TK-4-A	Oily Water	<0.0005	<0.0005	mg/L
Tank No. 6	TK-6-S	Rust Solids	<1.2	<1.2	mg/kg
Tank No. 13	TK-13-O	Oily sludge	<120	<120	mg/kg
Tank No. 15	TK-15-O	Oily sludge	<1.2	<1.2	mg/kg
Tank No. 16	TK-16-O	Oily sludge	<1.2	<1.2	mg/kg
Tank No. 17	TK-17-S	Rust solids	<1.33	<1.33	mg/kg
Tank No. 18	TK-18-O	Light Organic Phase	<1.2	<1.2	mg/kg
Tank No. 19	TK-19-O	Oily sludge	<1.2	<1.2	mg/kg
Tank No. 21	TK-21-A	Oily water	<99.3	<99.3	mg/kg
Tank No. 22	TK-22-O	Oily sludge	<1.2	<1.2	mg/kg
Tank No. 23	TK-23-O	Appears to be diesel	<1.2	<1.2	mg/kg
North Containment Area	Dike North	Water	<0.0005	<0.0005	mg/L
South Containment Area	Dike South	Water	<0.0005	<0.0005	mg/L

Table 3
Gulfco Former AST Tank Farm
TK-21-A Sample Total Concentrations - Detected Values

Parameter	Concentration (mg/kg)					
VOCs						
1,2-Dichloroethane	663					
Benzene	121 J					
Chloroform	6,850					
Isopropylbenzene (Cumene)	119 J					
Methylene chloride	241 J					
Toluene	179 J					
SVOCs						
2-Methylnapthalene	145 B					
Benzaldehyde	123 J					
Biphenyl	54.4 J					
Bis(2-Ethylhexyl)phthalate	36.5 J					
Caprolactum	2,410					
Crysene	23.3 J					
Fluorene	82.7 J					
Phenanthrene	283					
Pyrene	85.5 J					
Metals	-					
Barium	7.09					
Cadmium	0.062 J					
Calcium	304					
Chromium	2.28					
Iron	1,660					
Lead	2.44					
Manganese	9.61					
Mercury	0.027					
Selenium	0.92 J					
Silver	0.12 J					
TPH (TX 1005)						
>C12-C28	514,000					
>C28-C35	266,000					
Total TPH	780,000					
Pesticides/Herbicides						
Endosulfan I	1.25 J					
Endosulfan II	3.72 J					
Endrin aldehyde	2.9 J					
Endrin ketone	9.6 J					
gamma-Chlordane	3.1 J					
2,4,5-T	0.446 J					

Notes:

- 1. Only chemicals of interest detected above the sample detection limit are included in
- 2. Data qualifiers: J = Estimated value for organics. B = detected in blank sample.

Table 4
Gulfco Former AST Tank Farm
North and South Containment Dike Sample Analytical Results

Parameter	Dike North	Dike South
VOCs	mg/L	mg/L
1,1,1,2-Tetrachloroethane	<0.000965	<0.000482
1,1,1-Trichloroethane	0.031	< 0.000461
1,1,2,2-Tetrachloroethane	<0.00024	<0.00012
1,1,2-Trichloroethane	<0.000665	< 0.000333
1,1-Dichloroethane	0.00244 J	< 0.000237
1,1-Dichloroethene	<0.000411	< 0.000205
1,1-Dichloropropene	<0.00058	< 0.00029
1,2,3-Trichloropropane	<0.00145	< 0.000726
1,2,4-Trichlorobenzene	<0.000422	< 0.000211
1,2,4-Trimethylbenzene	0.0037 J	0.00939
1,2-Dibromo-3-chloropropane	<0.00038	< 0.00019
1,2-Dibromoethane	<0.000539	< 0.000269
1,2-Dichlorobenzene	<0.000801	< 0.000401
1,2-Dichloroethane	0.045	0.00304 J
1,2-Dichloropropane	<0.000507	<0.000254
1,3,5-Trimethylbenzene	<0.000422	0.00235 J
1,3-Dichlorobenzene	<0.00063	<0.000315
1,3-Dichloropropane	<0.000511	<0.000255
1,4-Dichlorobenzene	<0.00108	<0.000538
2,2-Dichloropropane	<0.000532	<0.000266
2-Butanone	<0.00217	<0.00109
2-Chloroethylvinyl ether	<0.00109	<0.000547
2-Chlorotoluene	<0.000603	<0.000301
2-Hexanone	<0.000823	<0.000412
4-Chlorotoluene	<0.000661	<0.000331
4-Isopropyltoluene	<0.000242	<0.000121
4-Methyl-2-pentanone	<0.0000996	<0.000498
Acetone	<0.00382	0.021 J
Acrolein	<0.00403	<0.00201
Acrylonitrile	<0.00646	<0.00323
Benzene	0.011	0.015
Bromobenzene	<0.000641	<0.000321
Bromodichloromethane	<0.000289	< 0.000145
Bromoform	<0.000755	<0.000377
Bromomethane	<0.00155	<0.000774
Carbon disulfide	<0.000487	<0.000244
Carbon tetrachloride	0.00889 J	<0.000336
Chlorobenzene	<0.000324	<0.000162
Chloroethane	<0.00115	<0.000102
Chloroform	0.095	0.03
Chloromethane	<0.00129	<0.000645
cis-1,2-Dichloroethene	0.00513 J	<0.000292
cis-1,3-Dichloropropene	<0.00033	<0.000292
Cyclohexane	0.00293 J	0.000936 J
Dibromochloromethane	<0.00293 3	<0.000228
Dibromomethane	<0.000455	<0.000228

Table 4
Gulfco Former AST Tank Farm
North and South Containment Dike Sample Analytical Results

Parameter	Dike North	Dike South
VOCs (cont'd)		
Dichlorodifluoromethane	<0.000677	< 0.000339
Ethylbenzene	0.011	0.00135 J
Hexachlorobutadiene	<0.0009	< 0.00045
Isopropylbenzene (Cumene)	0.00453 J	0.000515 J
m,p-Xylene	0.00292 J	0.011
Methyl Acetate	<0.00169	< 0.000847
Methyl iodide	<0.000841	<0.00042
Methylcyclohexane	<0.000378	<0.000189
Methylene chloride	0.012 J	0.000765 J
Naphthalene	0.023	0.096
n-Butyl alcohol	<0.05	<0.025
n-Butylbenzene	<0.000561	<0.000281
n-Propylbenzene	<0.000609	< 0.000305
o-Xylene	0.00189 J	0.00476 J
sec-Butylbenzene	<0.000598	<0.000299
Styrene	<0.000304	<0.000152
tert-Butyl methyl ether (MTBE)	<0.000358	< 0.000179
tert-Butylbenzene	<0.000573	<0.000287
Tetrachloroethene	0.00627 J	<0.000768
Toluene	0.00791 J	0.033
trans-1,2-Dichloroethene	<0.000747	<0.000374
trans-1,3-Dichloropropene	<0.000359	<0.00018
trans-1,4-Dichloro-2-butene	<0.00143	< 0.000717
Trichloroethene	0.018	<0.000702
Trichlorofluoromethane	<0.00051	< 0.000255
Trichlorotrifluoroethane	<0.00072	<0.00036
Vinyl acetate	<0.000756	<0.000378
Vinyl chloride	<0.000765	< 0.000383
Xylene (total)	0.00481 J	0.016
SVOCs		
1,2Diphenylhydrazine/Azobenzen	<0.000204	<0.000204
2,4,5-Trichlorophenol	<0.000406	< 0.000406
2,4,6-Trichlorophenol	<0.00042	<0.00042
2,4-Dichlorophenol	<0.000387	< 0.000387
2,4-Dimethylphenol	<0.00131	<0.00131
2,4-Dinitrophenol	<0.00112	<0.00112
2,4-Dinitrotoluene	<0.000464	< 0.000464
2,6-Dinitrotoluene	<0.00041	<0.00041
2-Chloronaphthalene	<0.000343	< 0.000343
2-Chlorophenol	<0.000344	< 0.000344
2-Methylnaphthalene	<0.000102	< 0.000102
2-Nitroaniline	<0.000267	< 0.000267
2-Nitrophenol	<0.000522	<0.000522
3,3'-Dichlorobenzidine	<0.00208	<0.00208
3-Nitroaniline	<0.0004	<0.0004
4,6-Dinitro-2-methylphenol	<0.000284	<0.000284
4-Bromophenyl phenyl ether	<0.000366	< 0.000366
4-Chloro-3-methylphenol	<0.000408	<0.000408

Table 4
Gulfco Former AST Tank Farm
North and South Containment Dike Sample Analytical Results

Parameter	Dike North	Dike South	
SVOCs (cont'd)			
4-Chloroaniline	<0.000786	<0.000786	
4-Chlorophenyl phenyl ether	<0.000346	< 0.000346	
4-Nitroaniline	<0.000564	< 0.000564	
4-Nitrophenol	<0.00201	<0.00201	
Acenaphthene	<0.000135	< 0.000135	
Acenaphthylene	<0.000884	<0.000884	
Acetophenone	0.00633 J	< 0.000371	
Aniline	< 0.000556	< 0.000556	
Anthracene	<0.000102	< 0.000102	
Atrazine (Aatrex)	<0.00205	< 0.00205	
Benzaldehyde	<0.00121	<0.00121	
Benzidine	<0.00718	<0.00718	
Benzo(a)anthracene	<0.0000796	<0.0000796	
Benzo(a)pyrene	<0.00015	< 0.00015	
Benzo(b)fluoranthene	<0.000165	< 0.000165	
Benzo(g,h,i)perylene	<0.000141	<0.000141	
Benzo(k)fluoranthene	<0.0000662	<0.0000662	
Benzoic acid	<0.001	<0.001	
Benzyl alcohol	<0.000442	<0.000442	
Biphenyl	<0.000341	< 0.000341	
Bis(2-Chloroethoxy)methane	<0.000241	<0.000241	
Bis(2-Chloroethyl)ether	<0.00047	<0.00047	
Bis(2-Chloroisopropyl)ether	<0.000528	<0.000528	
Bis(2-Ethylhexyl)phthalate	<0.00191	<0.00191	
Butyl benzyl phthalate	<0.000356	< 0.000356	
Caprolactam	<0.00258	<0.00258	
Carbazole	<0.000293	<0.000293	
Chrysene	<0.000563	<0.000563	
Dibenz(a,h)anthracene	<0.000257	<0.000257	
Dibenzofuran	<0.00032	<0.00032	
Diethyl phthalate	<0.000257	<0.000257	
Dimethyl phthalate	<0.000206	<0.000206	
Di-n-butyl phthalate	<0.000944	<0.000944	
Di-n-octyl phthalate	<0.000889	<0.000889	
Fluoranthene	<0.000155	<0.000155	
Fluorene	<0.00011	<0.00011	
Hexachlorobenzene	<0.000256	<0.000256	
Hexachlorocyclopentadiene	<0.000597	<0.000597	
Hexachloroethane	<0.000842	<0.000842	
Indeno(1,2,3-cd)pyrene	<0.000158	<0.000158	
sophorone	<0.000136	<0.000136	
m,p-Cresol	<0.00024	<0.00024	
Nitrobenzene	<0.000295	<0.000293	
n-Nitrosodimethylamine	<0.00101	<0.000362	
n-Nitrosodimethylamine n-Nitrosodi-n-propylamine	<0.000101	<0.000313	
	<0.000513	<0.000513	
n-Nitrosodiphenylamine	<0.000317	<0.000327	
o-Cresol Pentachlorophenol	<0.00106	<0.00106	

Table 4
Gulfco Former AST Tank Farm
North and South Containment Dike Sample Analytical Results

Parameter	Dike North	Dike South	
SVOCs (cont'd)			
Phenanthrene	<0.000137	< 0.000137	
Phenol	<0.000325	<0,000325	
Pyrene	<0.000899	< 0.0000899	
Pyridine	<0.000349	< 0.000349	
Metals			
Arsenic	0.012	0.024	
Barium	1.17	0.49	
Cadmium	<0.00019	<0.00019	
Calcium	45.4	7.36	
Chromium	0.0028 B	0.0031 B	
Hardness	192	34.9	
Iron	0.6	1.52	
Lead	<0.0013	0.0044 B	
Manganese	0.034	0.043	
Mercury	<0.0004	<0.00004	
Selenium	0.0049 B	<0.0046	
Silver	<0.0006	<0.0006	
TPH (TX 1005)			
>C12-C28	2.5 J	<0.815	
>C28-C35	<0.824	<0.815	
C6-C12	<0.249	<0.247	
Total TPH (C6-C35)	2.5 J	<1.88	
Pesticides/Herbicides			
4,4'-DDD	0.00095	0.00021	
4,4'-DDE	<0.0000556	0.00004 J	
4,4'-DDT	0.00026	0.00027	
Aldrin	<0.0000261	0.00000336 J	
alpha-BHC	0.0000466	0.0000113 J	
alpha-Chlordane	<0.0000274	< 0.00000274	
beta-BHC	<0.0000424	< 0.00000424	
delta-BHC	<0.0000232	< 0.00000232	
Dieldrin	0.0000427 J	< 0.00000471	
Endosulfan I	0.00022	0.000508	
Endosulfan II	0.00019	0.000043 J	
Endosulfan sulfate	0.00095	0.000878	
Endrin	<0.0000832	< 0.00000832	
Endrin aldehyde	0.00037	< 0.00000484	
Endrin ketone	0.000053	< 0.00000426	
gamma-BHC (Lindane)	<0.00000255	< 0.00000255	
gamma-Chlordane	<0.0000542	< 0.00000542	
Heptachlor	<0.0000439	< 0.00000439	
Heptachlor epoxide	<0.00000732	0.0000329	
Methoxychlor	<0.00000214	< 0.00000214	
Toxaphene	<0.000275	<0.000275	
2,4,5-T	<0.00015	<0.00015	
2,4,5-TP (Silvex)	<0.00013	<0.00013	
2,4'-D	<0.00027	<0.00027	

Table 4
Gulfco Former AST Tank Farm
North and South Containment Dike Sample Analytical Results

Parameter	Dike North	Dike South
PCBs		
Aroclor-1016	<0.000125	< 0.000125
Aroclor-1221	<0.000115	< 0.000115
Aroclor-1232	<0.0001	< 0.0001
Aroclor-1242	<0.000125	< 0.000125
Aroclor-1248	<0.00065	< 0.000065
Aroclor-1254	<0.000105	< 0.000105
Aroclor-1260	<0.00012	< 0.00012
TDS/TSS		
Total Dissolved Solids(TDS)	976	973
Total Suspended Solids	15	11

Notes:

J = Estimated value for organics.

B = Estimated value for metals.

Table 5
Gulfco Former AST Tank Farm
Tank Content Projected Quantities

Tank No.	Description	Projected Quantity ¹ (gallons) ²
Tank No. 2	Organic/Aqueous Mixture Solids - sand, debris (cy)	1,600 10
Tank No. 4	Oily Water	13,000
Tank No. 6	Rust Solids (cy)	106
Tank No. 10	Empty	0
Tank No. 13	Oily sludge	3,000
Tank No. 14	Empty (2 in. of rust solids)	0
Tank No. 15	Oily sludge	40,000
Tank No. 16	Oily sludge	2,500
Tank No. 17	Empty (Minimal rust solids)	0
Tank No. 18	Light Organic Phase	3,000
Tank No. 19	Oily sludge	8,000
Tank No. 21	Oily water	55,500
Tank No. 22	Oily sludge	6,000
Tank No. 23	Appears to be diesel	375
Tank No. 100 ³	Empty	0
Totals	Liquid (gals) Solids (cy)	132,975 116

Notes:

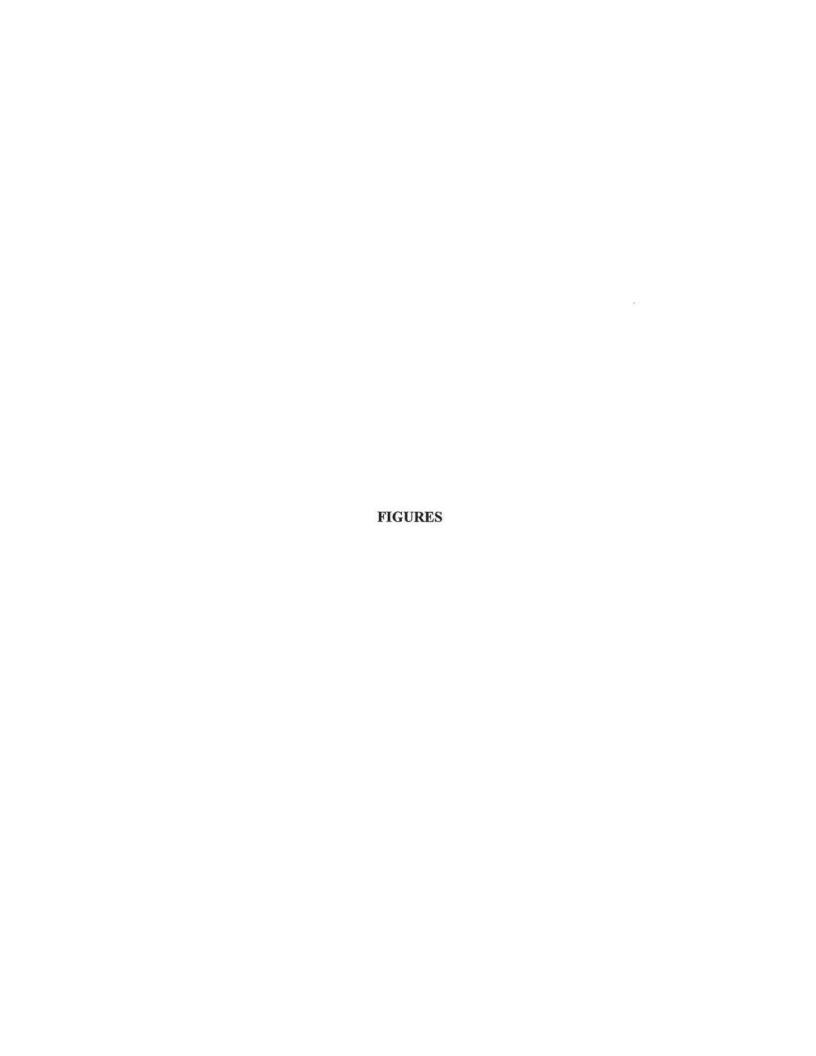
¹ Projected quantity based on CHESI field measurements (12-06) and LTE, 1999 tank volumes.

²Quanitities are in gallons unless listed otherwise (cy of solids in Tank Nos. 2 and 6).

³Tank No. 100 (empty tank) removed by Hurricane Ike storm surge in September 2006.

Table 6
Gulfco Former AST Tank Farm
Potential Off-site Tank Content Management Facilities

Name	Туре	Location	Permit(s)
Clean Harbors Environmental Services	Fuels Blending, Incinerator	Deer Park, Texas	TXD055141378
Waste Management - Coastal Plains	Landfill	Alvin, Texas	MSW Permit # 1721A
Waste Management - Lake Charles	Landfill	Sulphur, Louisiana	LAD000777201





APPENDIX B REMOVAL ACTION PHOTOGRAPHS



Photograph 1 – Looking southeast at North Containment during EEI mobilization and setup. Holes have been cold-cut in large ASTs to allow access for pumping liquids.



 $Photograph\ 2-Looking\ north\ along\ west\ side\ of\ AST\ Tank\ Farm-first\ pumping\ of\ accumulated\ water\ from\ the\ containment\ areas.$



Photograph 3 – Looking south along east side of east barge slip – pumping water from containment areas into the Intracoastal Waterway.



Photograph 4 – Looking south in South Containment following rain event in late-December 2010. South Containment Area water sample was collected beyond blue drum on left side of photograph.



Photograph 5 – Accumulated water in footprint of Tank No. 6 following rain event in late-December 2010. One of two North Containment Area water samples was collected from this location.



Photograph 6 – Accumulated water in low area around Tank No. 21 (left) and Tank No. 15 (right) following rain event in late-December 2010. The second of two North Containment Area water samples was collected near the upended bottom of Tank No. 21.



Photograph 7 – Asbestos inspector collecting sample of the flange gasket on the east end of Tank No. 10.



Photograph 8 – Contractors using cutting torch to cut out entire flange on the east end of Tank No. 10 with its gasket containing asbestos.



Photograph 9 – Contractors placing flange from east end of Tank No. 10 into a drum for storage and disposal. Flange was wrapped in plastic to secure the gasket while the contractor acquired an over-size drum.



Photograph 10 – Pumping liquid wastes from Tank No. 21 into tanker. Note the tanker is staged in temporary containment and tanker vent is connected to a carbon canister (green drum) to collect air vent emissions.



Photograph 11 – Pumping liquid wastes from small ASTs located in the South Containment Area.



 $Photograph\ 12-Pumping\ liquid\ wastes\ directly\ from\ ASTs\ into\ tanker\ staged\\inside\ temporary\ containment.$



Photograph 13 – Air monitoring performend during pumping activities included periodic checking of the carbon canister exhaust for breakthrough.



Photograph 14 – Truck moving loaded tanker out of temporary containment in preparation for transporting to the Clean Harbors facility.



Photograph 15 – Looking south – the contractor using hydraulic sheers to open Tank No. 21 to allow access for solidification of tank contents after liquids were removed.



Photograph 16 – Looking west – the contractor using hydraulic sheers to open the top of small AST (Tank No. 13) to allow access for solidification of material remaining in the tank.



Photograph 17 – Looking west – Tank No. 21 is on the right and Tank No. 15 is on the left. The contractor is adding fly ash to the contents of Tank No. 21 during solidification activities.



Photograph 18 – Looking south into Tank No. 6 – the contractor is using the trackhoe to mix fly ash with sludge in Tank No. 6 to facilitate solidification.



Photograph 19 – Looking southwest – Tank No. 21 is on the right and Tank No. 15 is on the left. The contractor is using the trackhoe to mix fly ash with the sludge in Tank No. 15 during sludge solidification.



Photograph 20 – Looking south – the contractor is using the trackhoe to mix fly ash with sludge in Tank No. 13 located in the South Containment Area.



Photograph 21 – Looking west – loading solidified sludge from Tank No. 15 to roll-off boxes.



Photograph 22 – Action Resources truck picking up roll-off box loaded with sludge for transport to the Clean Harbors facility.



Photograph 23 – Contractor shoveling out the last of the sludge from the bottom of Tank No. 15. Each AST was decontaminated by hand-shoveling the last of the sludge, and at a minimum scraping, brushing and steam-cleaning. Surfacants were used as needed to remove any residual oily film.



Photograph 24 – Contractor steam-cleaning the bottom of Tank No. 15 after the last of the sludge was scraped out.



Photograph 25 – Contractor decontaminating Tank No. 6 in preparation for demolition.



Photograph 26 – One-half of the bottom of Tank No. 21 after it was decontaminated and readied for demolition.



Photograph 27 – Contractor using a cutting torch to cut the top off of Tank No. 15 as part of the tank demolition and to allow access for tank decontamination.



Photograph 28 – Contractor using the trackhoe to remove the upper portion of Tank No. 15 from the bottom after torch cutting.



Photogrpah 29 – Contractor using the track hoe to demolish small ASTs in the South Containment Area. Demolished and crushed tanks and tank pieces were loaded into scrap boxes (right side of photograph) for transport to the metal recycler.



Photograph 30 – Contractor crushing pieces of Tank Nos. 6 and 15 prior to loading pieces into the scrap box (far left).



Photograph 31 – Contractor loading one-half of Tank No. 14 into scrap box for transport to the metal recycler. Tank No. 14 is the only tank that was not completely demolished on-site.



Photograph 32 – "Air-Mover" with in-line vacuum box used during decontamination of the South Containment Area.



Photograph 33 – Contractor using pressure washer (steam cleaner) and air mover to clean and vacuum mud and sediment from concrete in South Containment Area.



Photograph 34 – Looking east near northeast corner of South Containment Area after cleaning was complete. Note the network of trenches and clay bottom of the trenches.



Photograph 35 – Looking northeast at South Containment Area after the trenches were filled with sandy clay from an off-site quarry.



Photograph 36 – Contractor breaching concrete berm of the South Containment Area at the northeast corner of the containment area, after decontamination was complete and trenches backfilled with sandy clay. The water seen here accumulated after all site-work was completed.



Photograph 37 – Looking northwest at South Containment Area after accumulated water was drained by breaching the concrete berm in both the northwest corner (on left in the distance) and the northeast corner (far right).



Photograph 38 – Looking south at the footprint of Tank No. 6 after the tank was overturned. Floor of containment area beneath the tank was visibly impacted.



Photograph 39 – Looking southeast at the Tank Nos. 2 and 6 excavation area. The footprint of Tank No. 2 is on the right and not visibly impacted other than the far south end. Visibly impacted soil can be seen in the south and east walls of the excavation, below a depth of approximately 2.5 feet below ground surface (center and left side of photograph).



Photograph 40 – Looking north at the footprints of Tank Nos. 15 and 21 after visibly impacted caliche base had been scraped and stockpiled along the east wall of the containment (right side of photograph). The stockpiled material was loaded into a roll-off box for off-site disposal at the Clean Harbors facility.



Photograph 41 – Looking southeast at the Tank Nos. 2 and 6 excavation during backfill with sandy clay. Contractor laid plastic in the excavation prior to backfilling.



Photograph 42 – Looking east at the North Containment Area after excavation and scraped areas were backfilled, all debris removed, and containment area graded to drain to the east.



Photograph 43 – Contractor breaching concrete berm along east side of North Containment Area. Water seen here, and being released with the breaching of the berm, accumulated after site-work was complete, and confirmation water sample was collected, analyzed and evaluated.



Photograph 44 – Looking east – North Containment Area after concrete berm was breached and most of accumulated water had drained.



Photograph 45 – Looking southeast at the former AST Tank Farm after site-work was completed – the former AST Tank Farm is in the center of the photograph. The roll-off boxes contain impacted soil awaiting transport to the Clean Harbors facility.

APPENDIX C TCEQ SURFACE WATER DISCHARGE AUTHORIZATION LETTER

Bryan W. Shaw, Ph.D., Chairman
Buddy Garcia, Commissioner
Carlos Rubinstein, Commissioner
Mark R. Vickery, P.G., Executive Director



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution July 27, 2010

Mr. Gary Miller Superfund Division, Region 6 (6SF-RA) Arkansas/Texas Section U.S. Environmental Protection Agency 1445 Ross Avenue, Suite 1200 Dallas, Texas 75202-2733

Re: Discharge of Accumulated Water within Aboveground Storage Tank Farm Containment Area, Gulfco Marine Maintenance Site, Freeport, Texas

Dear Mr. Miller:

On April 27, 2010, Pastor, Behling & Wheeler, LLC (PBW), on behalf of LDL Coastal Limited LP (LDL), Chromalloy American Corporation (Chromalloy) and The Dow Chemical Company (Dow), submitted an Industrial Wastewater Permit Application Abbreviated Technical Report (report) for discharge of accumulated water within an aboveground storage tank (AST) Tank Farm containment area at the above-referenced Site to the Texas Commission on Environmental Quality (TCEQ), Remediation Division. The accumulated water is to be removed from the containment area as part of a Removal Action at the AST Tank Farm. PBW requested that the TCEQ review the submitted report and develop effluent limitations to assess whether the accumulated water could be discharged to the nearby Intracoastal Waterway. On April 29, 2010, the TCEQ Remediation Division forwarded the report via interoffice memorandum to the Industrial Permits, Wastewater Permit Section.

Based on the report and supplemental information submitted by PBW on May 11, 2010 in response to a TCEQ request, TCEQ Industrial Permits, Wastewater Permits Section technical staff prepared a memorandum dated June 22, 2010 (see Attachment 1). The memorandum provides water quality- and technology-based effluent limitations for certain specific parameters for the requested discharge. The Table 1 (see Attachment 2) compares the effluent limitations from this memorandum to the maximum concentrations of the parameters in four samples collected by PBW from the AST Tank Farm containment area as reported in the Abbreviated Technical Report.

As shown in Table 1, the maximum sample concentrations for all parameters were below all effluent limitations. Based on this evaluation, the TCEQ recommends that the accumulated water within the AST tank farm containment area can be discharged to the Intracoastal Waterway as requested by PBW. It is recommended that pH measurements be collected prior to discharge to verify that pH values for the discharge are within the specified limitations.

Mr. Gary Miller Page 2 July 27, 2010

Thank you for the opportunity to provide this evaluation. Should you have any questions regarding this recommendation or the attached memorandum, please do not hesitate to contact me at (512) 239-6368.

Sincerely,

Ludmila Voskov, P.G., Project Manager

Superfund Section

Remediation Division

Texas Commission on Environmental Quality

LV/sr

Enclosures

cc: Larry Champagne, TCEQ, Remediation Division

Mr. Eric Pastor - Pastor, Behling & Wheeler, LLC, 2201 Doble Creek Drive, Suite 4004, Round Rock, TX 78664

DATE: June 22, 2010

Texas Commission on Environmental Quality

INTEROFFICE MEMORANDUM

TO:

Luda Voskov, Project Manager

Superfund Section

Remediation Division (MC 221)

Thru VI

M 6/25/10 Yvonna Miramontes, Team Leader

Industrial Permits, Wastewater Permits Section (MC 148)

From:

Tres Koenings, Permit Writer

Industrial Permits, Wastewater Permits Section (MC 148)

Subject: Gulfco Marine Maintenance Superfund Site

The following is a summary of our review and recommendations based on the Industrial Wastewater Permit Application Technical Report submitted with the Interoffice Memorandum dated on April 29, 2010.

The Gulfco Marine Maintenance Superfund site has no current business activity. The site was previously used for barge cleaning and maintenance. An aboveground storage tank (AST) Tank Farm, consisting of 14 tanks located within two concrete containment areas, is located in the southern part of the site. This area was used for storage of product heels and wash waters associated with barge cleaning operations. The accumulated storm water from the Tank Farm area needs to be removed and discharged prior to removal of the Tank Farm. Constituents of Concern (COC) include chemicals formerly store in the Tank Farm, which were benzene, chloroform, 1,2-dichloroethane, trichloroethylene, tetrachloroethylene, and vinyl chloride.

The discharge route is directly to the Brazos River Tidal via the Gulf Intracoastal Waterway (GIWW) in Segment No. 1201 of the Brazos River Basin. The designated uses and dissolved oxygen criterion as stated in Texas Surface Water Quality Standards (30 TAC Chapter 307.10) for Segment No. 1201 are contact recreation, public water supply, high aquatic life use and 4.0 mg/L dissolved oxygen.

As requested by memorandum, water quality based effluent limitations are provided for this Superfund Site. Attachment 1 provides the effluent limitations necessary for the protection of aquatic life and human health. Regulations promulgated in Title 40 of the Code of Federal Regulations require technology-based limitations be placed in wastewater discharge permits based on effluent limitations guidelines, where applicable, and/or on best professional judgment (BPJ) in the absence of guidelines. Attachment 2 provides technology based limitations for use at your discretion based upon 40 CFR §414 J – Direct Discharge Point Source That Do Not Use End-of-Pipe Biological Treatment.

Tres Koenings

June 22, 2010

Date

Received

JUN 2 5 2010

Superfund Section

Gulfco Marine Maintenance Superfund Site Page 2 6/22/10

ATTACHMENT 1

WATER QUALITY BASED EFFLUENT LIMITATIONS

Parameter	Daily Average	Daily Maximum	Sample Type	Frequency
Flow (MGD)	(Report)	(Report)	Meter	1/week (*1)
Benzene	2.4 mg/L	5.1 mg/L	Grab	1/week (*1)
Chloroform	29.4 mg/L	62.2 mg/L	Grab	1/week (*1)
1,2-dichloroethane	1.6 mg/L	3.5 mg/L	Grab	1/week (*1)
Trichloroethylene	13.9 mg/L	29.5 mg/L	Grab	1/week (*1)
Tetrachloroethylene	7.3 mg/L	15.5 mg/L	Grab	1/week (*1)
Vinyl Chloride	9.5 mg/L	20.0 mg/L	Grab	1/week (*1)
pH (standard units)	(Minimum 6.0)	(Maximum 9.0)	Grab	1/week (*1)

(*1) When discharge occurs.

CALCULATION OF WATER QUALITY BASED EFFLUENT LIMITATIONS:

HUMAN HEALTH					
CALCULATE DAILY AVERA	GE AND DAILY MAX	IMUM EF	FLUENT L	IMITATIO	ONS
Parameter	SW Fish Only (ug/L)	WLAh	LTAh	Daily Avg. (ug/L)	Daily Max. (ug/L)
Benzene	70.8	1770.00	1646.10	2419.77	5119.37
Chloroform	861	21525.00	20018.25	29426.83	62256.76
1,2-Dichloroethane	49.3	1232.50	1146.23	1684.95	3564.76
Tetrachloroethylene	215	5375.00	4998.75	7348.16	15546.11
Trichloroethylene	408	10200.00	9486.00	13944.42	29501.46
Vinyl Chloride	277	6925.00	6440.25	9467.17	20029.18

ATTACHMENT 2

TECHNOLOGY BASED EFFLUENT LIMITATIONS

Parameter	Daily Average	Daily Maximum	Sample Type	Frequency
Flow (MGD) (*1)	(Report)	(Report)	Meter	1/week (*2)
Benzene (*1)	0.057 mg/L	0.134 mg/L	Grab	1/week (*2)
Chloroform (*1)	0.111 mg/L	0.325 mg/L	Grab	1/week (*2)
1,2-dichloroethane (*1)	0.18 mg/L	0.574 mg/L	Grab	1/week (*2)
Tetrachloroethylene (*1)	0.052 mg/L	0.164 mg/L	Grab	1/week (*2)
Trichloroethylene (*1)	0.026 mg/L	0.069 mg/L	Grab	1/week (*2)
Vinyl Chloride (*1)	0.097 mg/L	0.172 mg/L	Grab	1/week (*2)
pH (standard units) (*1)	(Minimum 6.0)	(Maximum 9.0)	Grab	1/week (*2)

- (*1) These limitations are based upon 40 CFR §414 J Direct Discharge Point Source That Do Not Use End-of-Pipe Biological Treatment. Technology based limitations are more stringent than the water quality-based limitations and may be used if deemed appropriate by the TCEQ project manager. Flow and pH technology based limitations were the same as water quality-based limitations.
- (*2) When discharge occurs.

DEFINITIONS

- Daily average flow the arithmetic average of all determinations of the daily discharge within a
 period of one calendar month. The daily average flow determination shall consist of
 determinations made on at least four separate days. If instantaneous measurements are used to
 determine the daily discharge, the determination shall be the arithmetic average of all
 instantaneous measurements taken during that month.
- Daily maximum flow the highest total flow for any 24-hour period in a calendar month.
- Daily average concentration the arithmetic average of all effluent samples, composite or grab as required by this permit, within a period of one calendar month, consisting of at least four separate representative measurements. When four samples are not available in a calendar month, the arithmetic average of the four most recent measurements or the arithmetic average (weighted by flow) of all values taken during the month shall be used as the daily average concentration.
- Daily maximum concentration the maximum concentration measured on a single day, by composite sample unless otherwise specified elsewhere in this permit, within a period of one calendar month.
- Grab sample an individual sample collected in less than 15 minutes.

OTHER REQUIREMENTS

The following other requirements are recommended for this discharge:

SAMPLING AND LABORATORY TESTING METHODS

- All sample collection shall be conducted according to recommendations found in the latest
 edition of "Standard Methods for the Examination of Water and Wastewater" (prepared and
 published jointly by the American Public Health Association, the American Waterworks
 Association, and the Water Pollution Control Federation), or the Environmental Protection
 Agency manual entitled "Methods for Chemical Analysis of Water and Wastes" (1979), or the
 Environmental Protection Agency manual entitled "Biological Field and Laboratory Methods for
 Methods for Measuring the Quality of Surface Waters and Effluents" (1973).
- 2. Sample containers, holding times, preservation methods and physical, chemical and microbiological and analyses of effluents shall meet the requirements specified in regulations published in the 40 Code of Federal Regulations Part 136 pursuant to the Federal Water Pollution Control Act, Chapter 304(g), and be conducted according to this federal regulation or the latest edition of "Standard Methods for the Examination of Water and Wastewater."
- 3. Flow measurements, equipment, installation, and procedures shall conform to those prescribed in the "Water Measurement Manual," United States Department of the Interior Bureau of

Gulfco Marine Maintenance Superfund Site Page 5 6/22/10

Reclamation, Washington, D.C., or methods that are equivalent as approved by the executive director.

- 4. Laboratories shall routinely use and document intra laboratory quality control practices as recommended in the latest edition of the Environmental Protection Agency manual entitled "Handbook for Analytical Quality Control in Water and Wastewater Laboratories." These practices will include the use of internal quality control check samples.
- 5. The sampling and laboratory facilities, data, and records of quality control are subject to periodic inspection by commission personnel. Should the procedures specified in this section not be suitable to any particular situation, nonstandard sampling and testing techniques may be employed in accordance with the procedures outlined in 30 TAC Chapter 319.12 (relating to Alternative Sampling and Laboratory Testing Methods).
- The discharge shall not contain floating solids, visible oil or visible foam in other than trace amounts.
- All laboratory tests performed to demonstrate compliance with the requirements of this authorization must meet the requirements of 30 TAC Chapter 25, Environmental Testing Laboratory Accreditation and Certification.

ATTACHMENT 2

TABLE 1

COMPARISON OF MAXIMUM SAMPLE CONCENTRATIONS TO EFFLUENT LIMITATIONS

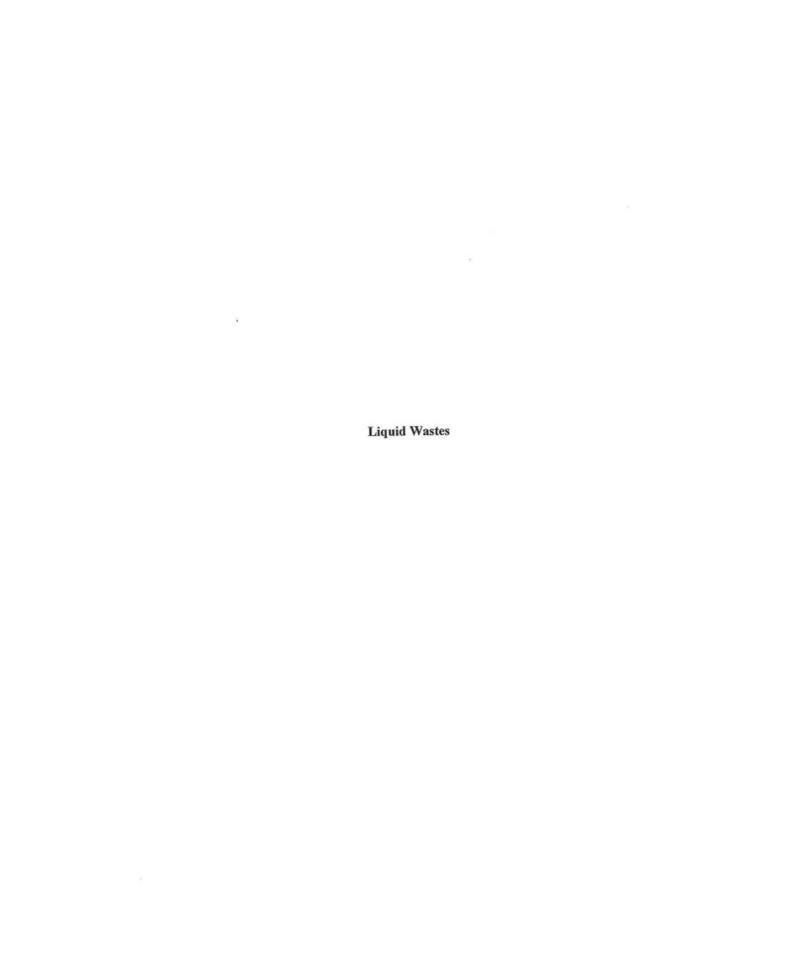
Parameter	Maximum Sample	Water-Quality Based Effluent Limitations ²		Technology-Based Effluent Limitations ²	
	Concentration ¹	Daily Average	Daily Maximum	Daily Average	Daily Maximum
Benzene	0.015 mg/L	2.4 mg/L	5.1 mg/L	0.057 mg/L	0.134 mg/L
Chloroform	0.095 mg/L	29.4 mg/L	62.2 mg/L	0.111 mg/L	0.325 mg/L
1,2-dichloroethane	0.045 mg/L	1.6 mg/L	3.5 mg/L	0.18 mg/L	0.574 mg/L
Trichloroethylene	0.018 mg/L	13.9 mg/L	29.5 mg/L	0.026 mg/L	0.069 mg/L
Tetrachloroethylene	0.00627 J mg/L	7.3 mg/L	15.5 mg/L	0.052 mg/L	0.164 mg/L
Vinyl Chloride	<0.000765 mg/L	9.5 mg/L	20.0 mg/L	0.097 mg/L	0.172 mg/L
pH (Standard Units)	Not Measured	(Minimum 6.0)	(Maximum 9.0)	(Minimum 6.0)	(Maximum 9.0)

Notes

¹Maximum concentration in accumulated water samples collected from containment area. See Table 2 for complete analytical results for these samples.

²From Attachment 1 of June 22, 2010 TCEQ Memorandum.

APPENDIX D WASTE DISPOSAL MANIFESTS



TRUCK#92

DX3184243 SC PPW

CPPW 10/26/2010 T-348

1 UNIF		1. Generator ID Number TXP4903502		2. Page 1 of 3. 8	mergency Respon (800) 483	-3718	4. Manifest	Tracking N	L150	92	MW
5. Gen	DLC Nastar Lein 06 Martin Ave reeport, TX 77			21777	erator's Site Addres	s (if different t					
	sporter 1 Appensen Warn	· 0 -	Two				U.S. EPA ID		051		
	sporter 2 Company Nam	Berloo	25		6		TAM	UB C	133	3	SC
2	gnated Facility Name an lean Harbors D 027 Independe a Porte, TX 775 's Phone:	ence Parkway South					TX I		141	378	
9a.		on (including Proper Shipping Name, H	azard Class, ID Numbe	BF,	10. Contr	_	11. Total Quantity	12, Unit Wt./Vol.	. 13.	Waste Cod	5
GENERATOR X		3. WASTE FLAMMABLE	LIOUIDS, N.O.	.S., (WATER).	801	Type	4800	G	D001	D018	D02
- GENE	2.	i e									
	3,			540							
15. GI mi Ex I c	arked and labeled/placare porter, I certify that the o	R'S CERTIFICATION: I hereby declar ded, and are in all respects in proper or ontents of this consignment conform to mization statement (dentified in 40 CFF	ondition for transport ac the terms of the attach	coording to applicable the hed EPA Acknowledgm	nternational and na ent of Consent.	ional governo	nental regulations.			em the Prim	
=	national Shippents orter signature (for export	Import to U.S.		Export from U.S.	Port of er Date leav				_//	117	10
	sporter Acknowledgment rier 1 Printed/Typed Nam			Signatura	9.0		1		Mon	th Day	Year
12	PTURO Philodoppour Name	alke		Signature		20	di	_	200	1128	1/0
18a. Disc	repancy crepancy Indication Space	Cuantity	Туре		Residue		Partial Reje	ection	Ē	Full Rejo	ction
18b. Alle	mate Facility (or General	tor)			Manifest Reference	Number:	U.S. EPA ID N	umber		******	
Facility's 18c, Sign	Phone; nature of Alternate Facility	y (or Generator)							Mon	th Day	Year
	1040	nagement Method Codes (i.e., codes fo		3.	10		4.				
	yped Name X	Operator: Certification of receipt of haz	ardous materials cover	red by the manifest ex	20	11.	nec	/	Mon	1/8	1/0

TRUCK# 92

TRAILER # T332

DESIGNATED PACILITY TO DESTINATION STATE (IF REQUIRED)

DX3184243 SCPPW 10/26/2010 Form Approved. OMB No. 2050-0039 Please print or type. (Form designed for use on elite (12-pitch) typewriter.) UNIFORM HAZARDOUS 1. Generator ID Number 000115093MWI TXP490350239 (800) 483-3718 WASTE MANIFEST Generator's Site Address (if different than mailing address) 5. Generator's Name and Malling Address 906 Marlin Ave Freeport, TX 77541 SAME nerelor's Phone: (713) 400-5651 U.S. EPA ID Number ALROOCO 7237 aporter 1 Company Name 7. Transporte 2 Company Name MA NUMBER 000 cle Clean Harbors Deer Park, LLC 2027 Independence Parkway South TXD055141378 La Porte, TX 77571 (281) 930-2300 Facility's Phone: 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12. Uni 13. Waste Codes and Packing Group (if any)) No. Type RO. UN1993, WASTE FLAMMABLE LIQUIDS. N.O.S., (WATER). 3, PG III, (BENZENE) D001 D018 D022 GENERATOR 6 4800 D029 FNF5119H 001 CR FS OFFC 14. Special Handling Instructions and Additional Inform
1 _ CH440890B EF ERG#128 TANKER T332 GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, peckaged, marked and labeled/placerded, and are in all respects in proper condition for transport eccording to applicable intermellonal and national governmental regulations. If export shipment and 1 am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.

I certify that the waste minimization statement identified in 40 CFR 252.27(a) (if I am a large quantity generator) or (b) (if Lem's specific quantity generator) is true. Day 11 1/8 10 ones Export from U.S. ng U.S. 17. Transporter Acknowledgment of Receipt of Material 18e. Discrepancy Indication Space . Quantity Туре Residue Partial Rejection Full Rejection Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone 18c. Signature of Alternate Facility (or Generator) Day DESIGNA 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

Clean Harbors has the appropriate permits for and will accept the waste the generalor is shipping.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

H040

EPA Form 8700-22 (Rev. 3-05) Pr

TRICK# 92 TRAILER # T-514

DX3184243

SCPPW 10/26/2010

Form Approved. OMB No. 2050-0039 Please print or type. (Form designed for use on elite (12-pitch) typewriter.) 3. Emercanov Response Phone (800) 483-3718 000115094 MWI UNIFORM HAZARDOUS 1. Generalor 10 Number 350239 WASTE MANIFEST 5. Germaloc dessend Maing Address nerator's Site Address (if different than mailing address) 906 Martin Ave Freeport, TX 77541 SAME (713)400-5651 U.S. EPAID Number ALR COSCO 7257 Action Resource U.S. EPA ID'NO Clean Harbors Deer Park, LLC TXD055141378 2027 Independence Parkway South La Porte. TX 77571 (281) 930-2300 Facility's Phone: 9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12. Unit 13. Waste Codes and Packing Group (If any)) No. Type RO. UN1993. WASTE FLAMMABLE LIQUIDS. N.O.S., (WATER). D001 D018 D022 GENERATOR 3, PG III, (BENZENE) 6 5000 D028 FNF5119H 901 14. Special Handling instructions and Additional information 1.CH440890B ERG\$128 TAUREN # 5/4 GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and i am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consept.

I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) if I am a small quantity generator) is true. ones ort of entry/exit Transporter signature (for exports only): Date leaving U.S.: 18 10 18a. Discrepancy Indication Space Quantity Туре Partial Rejection Residue Full Rejection Manifest Reference Number; 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: 18c. Signature of Alternate Facility (or Generator) DESIGNATED Day Month 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H040 20. Destinated Facility Owner or Operator. Certification of receipt of hazardous materials covered by the manifest expent as gold in item 18e This averes EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

TRAILER# T.351 TRUCK#92

DX3184243

SCPPW 10/26/2010

Form Approved, OMB No. 2050-0039 Please print or type. (Form designed for use on elite (12-pitch) typewriter.) UNIFORM HAZARDOUS 1. Generator ID Number TXP490350239 mergency Response Phone (800) 483-3718 000115095MWI WASTE MANIFEST Generalor's Site Address (if different than mailing address) 5. Generators Name and Maling Address 906 Martin Ave Freeport, TX 77541 SAME Generalor's Phone: 17131400-5651 6. Transporter 1 Corpoany Name U.S. EPA ID Numbe esignated Facility Name and Site Address Clean Harbors Deer Park, LLC 2027 Independence Parkway South La Porte, 12 77671 TXD055141378 (291) 930-2300 9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, iD Number, 10. Containers 11. Total 12 Unit 13. Waste Codes AND PARKING SPANISHE FLAMMABLE LIQUIDS. N.O.S., (WATER) Quantity Wt.Vol. No. Тура D001 D018 D022 1. 3, PG III, (BENZENE) GENERATOR 00/ 5000 DO28 FNF5119H 14. Shack Hack Q & Dans and Additional Info 128 MAILELT 351 GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 282.27(a) (if I am a large quantity generator) or (b) (if I am 16. International Shipments Import to U.S. Export from U.S. Post of entry/exit: Transporter signature (for exports only): to leaving U.S.: 17. Transporter Acknowledgment of Receipt of Materials 11/19/10 8. Discrepancy Туре 18s. Discrepancy Indication Space Quantity Residue Partial Rejection Full Rejection Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: 16c. Signature of Allemate Facility (or Generator) Day 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 40. Designated Eacility Owner or Opesalor: Captification of receipt of hazardous materials covered by the manifest except se-noted in Item 18e DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED) Form 8700-22 (Rev. 3-05) Previous editions are obsolete. Clean Harbers has the appropriate permits for and will accept the waste the generator is shipping.

TRUCK # 92 TRAILER #T. 332

DX3184243 SC PPW 10/26/2010

Please print or type. (Form designed for use on elite (12-pitch) typewriter, Form Approved. OMB No. 2050-0039 1. Generator 10 Number TXP490350239 1000115097 MWI 3. Emergency Response Phone (800) 483-3718 UNIFORM HAZARDOUS WASTE MANIFEST 5. Generatore Name and Mailing Address Generator's Site Address (if different than mailing address) 906 Marlin Ave SAME Freeport, TX 77541 (713) 400-5651 19222 Clean Harbors Deer Park, LLC 2027 Independence Parkway South TXD055141378 La Porte. TX 77571 (281) 930-2300 Facility's Phone: 9b. U.S. DOT Description (including Proper Shipping Name, Hazerd Class, ID Number, 10. Containers 11. Total 12, Unli 9a. HM 13. Waste Codes and Packing Group (if any)) Quantity Wt. Not. No. Туре RO. UN1993. WASTE FLAMMABLE LIQUIDS, N.O.S., (WATER). 3, PG III, (BENZENE) D001 D018 D022 GENERATOR 001 5000 GOL D028 FNF5119H 14, Special Handling Instructions and Additional Information 1.CH440890B ERG\$128 MAILER GENERATOR'SOFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placerded, and are in all respects in proper condition for transport according to applicable international end national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.

I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a final quantity generator) is true. 10 ng Import to U.S. Export from J ort of entry/exit: Date leaving U.S.: Transporter signature (for exports only): 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name TR ANSPOR 11/19/10 18, Discrepancy 18a. Discrepancy Indicaten Space Quantity Туре Partial Rejection Full Rejection Residue Manifest Reference Number: U.S. EPA ID Number 18b. Alternate Facility (or Generator) Facility's Phone: 18c, Signature of Alternate Facility (or Generator) Day 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H040 orm 8700-22 (Rev. 3-05) Previous editions are obsolete. DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.

TROCK# 92 TRAILER# T3 46

TRAILER# T3 46

DX3184243

SCPPW 10/26/2010

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WASTE MANIFEST	A CONTRACTOR OF THE PARTY OF TH	2.39	1	(800) 483	-3/18		JUU.	1150)99M	IW
5. Gamprators Name and Meilin	g Address			Generator's Site Addres	s (if different	than mailing addre	188)			
906 Martin Ave Freeport, TX 77		*		SAME						
Generator's Phone:	1400-6661					-			500)	
6. Transporter 1 Telepasty Nam	ion Rescure	165				U.S. EPA ID		051	308	_
7. Transporter-2 Company Nam		1.				U.S. EPATO		500	004	12
8. Designated Facility Name and Clean Harbors D 2027 Independe	d Site Address Deer Park, LLC Price Parkway South	102.20				U.S. EPAID	Number	141		R
La Porte. TX 775 Facility's Phone:		(4)				1				
9a. 9b. U.S. DOT Description HM and Packing Group (if a	on (including Proper Shipping Name, H	lazard Class, ID Number,		10. Conta	1	11. Total Quantity	12. Unit Wt./Vol.	13.	Waste Codes	
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8. Discrepancy	- 3/			- //						
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Bb. Alternate Facility (of Generals	lgag the Abov	e Quan	ity ha	S Manifest Reference	Number:	U.S. EPA ID No	-14-	10	EB	
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ecility's Phone: 6c. Signature of Alternate Facility	(or Generator)		-					Mont	h Day	Year
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	agement Method Codes (i.e., codes to	or hazardous waste treatm	nent, disposal, a	nd recycling systems)				-		
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the same of the sa	Operator: Certification of receipt of hez	ardous materials covered			18a					
Glad Minad Name	1 : 1		Signat	uro"	1			Mont	h Day	Year
rinted Typed Name	+11/1/11		1	-11	416	1:1		-11	1 4	1 4

SC PPW 10/26/2010

TRUCK #92 TRAILER # T321

Please grint or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved, OMB No. 2050-0039 UNIFORM HAZARDOUS 1. Generator ID Number WASTE MANIFEST TX P4 9 0 4. Manifest Tracking Number 5079 MWI TXP490350239 (800) 483-3718 enerators Name and Mailing Address nerator's Site Address (if different than mailing address) 906 Martin Ave Freeport TX 77541 erator's Bases 77121400-5651 SAME U.S. EPA ID Number Clean Harbors Deer Park, LLC 2027 Independence Parkway South TXD055141378 La Porte: TX 77571 Facility's Phone: (25 (281) 930-2300 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) 10. Containers 11. Total 12. Unit 13. Waste Codes No. Typa RO. #N1993. WASTE FLAMMABLE LIQUIDS. N.O.S.. EST. D001 D010 D018 GENERATOR (PETROLEUM OIL), 3, PG III, (BENZENE, TOC > 10%) 500C DOTS FNEASISH FNFSIAH 14. Special Handling Instructions and Additional Information

1. CTT 180098 ERGS > CH4KOBOB CENTUCTU M ERG#128 321 GENERATOR SIGPFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and libeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.

I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (5) from a small quantity generator) is true. VZ 10/10 Export from U.S Port of entry/exit: e (for exports only): Dete leaving U.S.; 17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printedgryped Name TR ANSPORTER 12 01/10 Туре Full Rejection Partial Rejection per gar eration Manifest Reference Number U.S. EPA ID Number Facility's Phone: 18c. Signature of Aternate Facility (or Generator) Month Day 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. H040 20 Designated Facility Owner or Operator. Certification of receipt of hazardous materials covered by the manifest except a product in item 18a 12 EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

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EPA Form 8700-22 (Rev 3-05) Previous editions are obsolete.

Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.

DX3199345 TRUCK # 42

DX9194243 SCPPW 10/26/2010 TRANES # T332

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TRICK#92 SCPPW 10/26/2010 TRAILER# 687

Please print or type. (Form designed for use on eitle (12-pitch) typewriter. Form Approved. OMB No. 2050-0039 UNIFORM HAZARDOUS 1. Generator ID Number 4. Manifest Tracking Number 000115087 MWI 3. Emergency Response Phone TXP490350239 (800) 483-3718 WASTE MANIFEST 5. Generator's Name and Mailing Address
15. Generator's Name and Mailing Name and Name and Mailing Na Generator's Site Address (if different then mailing address) SAME Freeport, TX 77541 Generalor's Phone: (713) 400-5651 ESOUNCES 200000723 8. Designated Facility Name and Site Address Clean Harbors Deer Park, LLC 2027 Independence Parkway South TXD055141378 2027 Independent La Porte, TX 77571 ##/# Phone: (281\930-2300 9b. U.S. DOT Description (including Proper Shipping Name, Hezard Class, ID Number, 10. Containers 11. Total 12. Unit and Packing Group (if any)) HM No. Туре RO. UN1993. WASTE FLAMMABLE LIQUIDS. N.O.S., (PETROLEUM, OIL), 3, PG III, (BENZENE, TOC > 10%) D001 -B016 D018 GENERATOR 001 DO13 FNF4219H CR OFFC ERG#128 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export enigment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 282.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Signature Day 12,15/10 Part of entry/exit: nsporter alguature (for exports only): ite feaving U.S. 17. Transporter Acknowledgment of Receipt of Materials Month Day /2 | /5 | 10 Month Day Year 12/15 Туре 18a. Discrepancy Indication Space Quantity Residue Partial Rejection Full Rejection Manifest Reference Number: 18b, Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Month Day 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H040 20. Designated Facility Owner or Operator: Certification of receipt of hazagous materials covered by the manifest except as noted in Item 18a Printed/Typed Name 11100 KI DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED) EPA Form 8700-22 (Rev. 3-05)

Clean Harbors has the appropriete permits for and will accept the waste the generator is shipping.

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GENERATOR

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11-17-10		RVADOS SIGNATURE	Isled above and delivered will 1/-/7-/0 DELIVERY DATE	nout incident to	1 En	
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TRUCK # 92

TRRILER # T332 DX3184443 SCPPW 10/26/2010 Please print or type, (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039 UNIFORM HAZARDOUS 1. Generator ID Number TX P4 9 0 3 5 0 2 3 9 000115083 MWI (800) 483-3718 WASTE MANIFEST 5. Generators Sunn and Maring Address
906 Martin Ave
Freebort, TX 77541.
Generators Phone: Generator's Site Address (if different than mailing address) SAME ESCURCES Clean Harbors Deer Park, LLC 2027 Independence Parkway South La Porte, TX 77571 TXD055141378 Fecility's Phone: (281) 930-2300 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (If any)) 10, Containers 11. Total 12. Unit 13. Waste Codes HM No. Type ROJUN1993. WASTE FLAMMABLE LIQUIDS. N.O.S.. (PETROLEUM OIL), 3, PG III, (BENZENE, TOC > 10%) D001 D010 D018 GENERATOR 4000 D019 FNF4219H 14. Special Handling Instructions and Additional Information 1. CH440809B ERG#128 332 GENERATOR'S DEFEROR'S CERTIFICATION: I hereby declare that the contents of finis consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelediplacented, and are in all respects in proper condition for transport according to applicable international and national governmental regulations, if export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.

I certify that the waste minimization statement identified in 40 CFR 252.27(a) (if I am a large quantity generator) or (b) (if I am a small refaulty generator) is true. 11 2910 INT Export from U.S. Import to U.S. Porte ving U.S.: or exports only): Date orter Acknowledgment of Receipt of Materials TR ANSPORTER 29/10 18. Discrepancy 18a. Discrepancy Indication Space Quantity Туре Residua Full Rejection Partial Relection Manifest Reference Number: U.S. EPA ID Number 18b. Alternate Facility (or Generator) Facility's Phone: 18c, Signature of Alternate Facility (or Generator) Day 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H040 20. Designated Facility Orner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18st Prints Typed Name allline IMBr arene EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping. DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

SCPPW 10/26/2010 TRAILER # T5/4

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Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.

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Solid Wastes

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TRUCK # 92 TRAILED # 747

DX3184513 SCPPW 10/26/2010 Form Approved, OMB No. 2050-0039 Please print or type. (Form designed for use on elite (12-pitch) typewriter.) UNIFORM HAZARDOUS 1. Generator ID Numb 2. Page 1 of 3. Emergency Response Phone 4. Manifest Tracking Number 000115119 MWI TXP490350239 1 (800) 483-3718 WASTE MANIFEST enerator's Site Address (if different than mailing address) 5. Generator's Name and Malling Address LDL Coastal LP 906 Marlin Ave Freeport, TX 77541 SAME nerator's Phone: (713) 400-5651 orter 1 Company Name S. EPA ID Number AL RODO 0007237 enon Clean Harburs Envi MAD039322250 lean Clean Harbors Deer Park, LLC 2027 Independence Parkway South TXD055141378 La Porte. TX 77571 (281) 930-2300 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 9a. HM 11, Total 12. Unit 13. Waste Codes and Packing Group (if any)) Wt./Vol. No. Type NA3077. HAZARDOUS WASTE, SOLID, N.O.S., (SOIL & RUST D018 D022 D028 GENERATOR SCALE), 9, PG III, (BENZENE, CHLOROFORM) D039 FNF8319H CK FS OFFC 14. Special Handling Instructions and Additional Information 1.CH440902B ERG#171 INA IRA ISBX # N Z 3 Y 8 C

GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/plearated, and are in all respects in proper condition for transport according to applicable international end national governmental regulations. If export shipment and if am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.

I certify that the waste minimization statement Identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a large quantity generator) is true. mail quantity generator) is true. lose 12 V4 VD Import to U.9: Export from U.S. t of entry/exit: Transporter signature (for exports only): Date leaving U.S.: ER 12/14/10 18a. Discrepancy Indication Space Quantity Туре Residue Partial Rejection Full Rejection Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: 18c. Signature of Alternete Facility (or Generator) Month Day Year 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H040 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Signature Month Pay Your EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

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TRK # 92 TRLR # 747

20 E E 20

DX3184513 SCPPW 10/26/2010 Form Approved. OMB No. 2050-0039 Please print or type. (Form designed for use on elite (12-pitch) typewriter.) 4. Manifest Tracking Number 000115067 MWI UNIFORM HAZARDOUS 1. Generator ID Number TXP490350239 3. Emergency Response Phone 1 (800) 483-3718 WASTE MANIFEST 5. Generator's Name and Mailing Address Generator's Site Address (if different than mailing address) 906 Martin Ave Freeport, TX 77541 SAME Generator's Phone: (713) 400-5651 U.S. EPA ID Number #2 2000001 6. Transporter 1 Company Name Clean Harbors Environmental Services Inc 7. Transporter 2 Company Name U.S. EPA ID Numbe U.S. EPA ID Number 8. Designated Facility Name and Site Address Clean Harbors Deer Park, LLC TXD055141378 2027 Independence Parkway South La Porte. TX 77571 (281) 930-2300 Facility's Phone: 9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 9a. 13. Waste Codes and Packing Group (if any)) НМ No. Quantity WL/Vol. NA3077. HAZARDOUS WASTE, SOLID, N.O.S., (SOIL & RUST D018 D022 D028 GENERATOR SCALE), 9, PG III, (BENZENE, CHLOROFORM) D039 FNF8319H CR FS OFFC 14. Special Handling Instructions and Additional Information 1.CH440902B ERG#171 BOX RBN 280445 GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placeded, and are in all respects in proper condition for transport according to applicable internetional and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.

I certify that the waste minimization statement identified in 40 CFR 252.27(a) (if I am a large quantity generator) or (b) (if I am a market quantity generator) is true. ony Mane
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ir exports only): Month Day Year V2 15 VO F Export from U.S. Transporter signature (for exports only): eaving U.S. 17, Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed Pyped Name Heru ROKSPINOZA 12 15 10 las 18 Discreha Quantity Туре Full Rejection Residue Partial Rejection Manifest Reference Number: U.S. EPA ID Number 18b, Alternate Facility (or Generator) Fecility's Phone: 18c. Signature of Alternate Facility (or Generator) Day Year 19. Hazardous Waste Report Management Method Codes (i.o., codes for hazardous waste treatment, disposal, and recycling systems) 20. Designated Facility Owner or Operator: Certification of Gyleipt of nazardous materials covered by the manifest except as noted in item 18a Printed Tyget 1 frine 1 EPA Form/8700-22 (Rev. 3-05) Provious editions are elevolete.

Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping. DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

TRCK#92 SCPPW 10/26/2010 TRUE # 747

Form Approved, OMB No. 2050-0039 Please print or type. (Form designed for use on elite (12-pitch) typewriler.) 4. Manifest Tracking Number 000115068 MWI UNIFORM HAZARDOUS 1. Generalor ID Number 3 5 0 2 3 9 (800) 483-3718 WASTE MANIFEST Generator's Site Address (if different than mailing address) Gripto dament Miling Address 906 Martin Ave Freeport, TX 77541 SAME (713) 400-5651 Generator's Phone: US ALLE 00000 7237 6. Transporter 1 Company Name MAD039322250 7. Transporter 2 Company Nan Designated Facility Name and Site Address
Clean Harbors Deer Park, LLC TXD055141378 2027 Independence Parkway South La Porte. TX 77571 (281) 930-2300 Facility's Phone: 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12. Unit 13. Waste Codes and Packing Group (if any)) Wt./Vol. Quantity HM No. Type NA3077. HAZARDOUS WASTE, SOLID, N.O.S., (SOIL & RUST D019 D022 D028 SCALE), 9, PG III, (BENZENE, CHLOROFORM) GENERATOR D039 FNF8319H CM 20 14. Special Handling Instructions and Additional Information
1.CH440902B ERG#171 Box # ABELLOG GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, peckaged, marked and labeled/plecarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.

I certify that the weste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a serial quantity generator) is true. Month Day Year VZ | 16 | 10 Generator's/Offeror's Printed/Typed Name Shipman Import to U.S Export from U.S ort of entry/exit: Transporter signature (for exports only): Date leaving U.S.: 17. Transporter Acknowledgment of Receipt of Me sporter 1 Printed/Typed Name SPINOZA HITTORO 12 16 10 18. Discrepancy 18a. Discrepancy Indication Space Quantity Туре Partial Rejection Full Rejection Residue Menifest Reference Number: U.S. EPA ID Number 18b. Alternate Facility (or Generator) Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Day 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H040 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 16a Month Day Year Printed/Typed Name lut DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.

ase print or type. (Form design	oned for use on elite (12-pitch	h) typewriter.)	184513	3011	W 10/2	-,	Forn	n Approved.	OMB No.	2000-00
UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number TXP49035		2. Page 1 of 3. i	mergency Respor (800) 483			ot Tracking N	umber		
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Facility's Phone: 9a. 9b. U.S. DOT Descripti HM end Packing Group (if a	(281) 930-2300 ion (Including Proper Shipping Na eny))	me, Hazard Class, ID Number	r,	10. Cont	tainers Type	11. Total Quantity	12. Unit Wt./Vol.	13.1	Waste Code	
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Form Approved, OMB No. 2050-0039 Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Manifest Tracking Numi UNIFORM HAZARDOUS 1. POMPET 90350239 Emermency Response Phone (800) 483-3718 000107508 MWI WASTE MANIFEST Generator's Site Address (if different than mailing address) 5. Censelors large applialing Address 906 Martin Ave SAME Freeport, TX 77541 (713)400-5651 er / Company Name esamer *14.000000* 723 Clean Harbors Deer Park, LLC 2027 Independence Parkway South TXD055141378 La Porte, TX 77571 (281) 930-2300 Facility's Phone: 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12. Unit 9a. HM 13. Wasle Codes and Packing Group (if any)) Quantity Wt./Vol. No. Туре NA3077. HAZARDOUS WASTE. SOLID. N.O.S.. (SOIL & RUST SCALE), 9, PG III, (BENZENE, CHLOROFORM) D018 D022 D028 GENERATOR D039 FNF8319H 14. Special Handling Instructions and Additional Infor 1_CH440902B ERG#171 GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby deciate that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national government exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. nial regulations. If export shipment and I am the Primary ified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) Month Day 12 127/12 ony Export from M.S of entry/exit: Transporter signature (for exporte only): leaving U.S.: TR ANSPORTER 17. Transporter Acknowledgment of Receipt of Materials 18. Discrepancy 18a, Discrepancy Indication Space Quantity Туре Full Rejection Residue Partial Rejection Munifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: DESIGNATED 18c. Signature of Alternale Facility (or Generator) Month Day 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H040 nated Pacific Owner or Operator: Certification of receipt of hazardous materials covered by the magnest except as noted in item 18s EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping

and print	it or type. (Form desi	gned for use on elite	(12-pitch) tv	pewriter.)	DAGE	242272	SCF	PW 10/	26/2010	For	m Approved	OMB No.	2050-00
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DX 327409/ SCPPW 10/26/2010

Form Approved, OMB No. 2050-0039 Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Manifest Tracking Number 000107568 MW UNIFORM HAZARDOUS 1. Generator ID Number 3 5 0 2 3 9 (800) 483-3718 WASTE MANIFEST Generator's Site Address (if different than mailing address) 5. GEDECO Name and Malling Address 906 Marlin Ave Freeport, TX 77541 SAME enerator's Phone: (713)400-5651 Generator's Phone:

6. Transporter 1 Company Name

Company Name

1. Services Inc. Transper Company Nema lle U.S. EPA ID Numbe and Site Address Clean Harbors Deer Park, LLC TXD055141378 2027 Independence Parkway South La Porte: TX 77571 (281) 930-2300 Feolity's Phone: 11. Total Quantity 12. Unit WL/Vol. 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 13. Waste Codes 9a. HM and Packing Group (if any)) Туре NA3077. HAZARDOUS WASTE, SOLID, N.O.S., (SOIL & RUST SCALE), 9, PG III, (BENZENE, CHLOROFORM) D018 D022 D028 GENERATOR D039 FNF8319H Special Handling Instructions and Additional Info 1.CH440902B ERG#171 NBR 25048 15. GENERATOR SIOFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placanded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export ahipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity ge Month Day oney Port of entry/exit: late leaving U.S.: Day 0/103111 18a. Discrepancy Indication Space Туре Residue Full Rejection Partial Rejection Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number 16c. Signature of Alternate Facility (or Generator) Month Day 18. Hazardous Wasle Report Management Method Codes (i.e., codes for hazardous waste treatment, disposel, and recycling systems) 20. Designated Facility Owner or Operator: Certification of pecelot of hazardous materials covered by the manifest except as noted in item 19 ILIBILI DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED) wate for and will accept the waste the generator is shipping. EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

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Clean Harbers has the appropriate permits for and will accept the waste the generater is shipping.

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B. Designated Facility Name a	and Site Address Deer Park, LLC	Tariba .				U.S. EPAID	Number D 0 5 5	1413	178	- 4
2027 Independ La Porte, TX 77 Facility's Phone:	lence Parkway South 571 (281) 930-2300				×	1				
9a. 9b. U.S. DOT Descrip	tion (Including Proper Shipping Name, Hazar	rd Class, ID Number,		10. Contain	Type	11. Total Quantity	12. Unit Wt./Vol.	13.	Waste Code	s
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Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.

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DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED) EPA Form 8700-22 (Rev. 3-05) Previous elitions are obsolete. Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.

20. Designated Facility Owner or Operator: Certification of receipt of hezardous materials covered by the manifest except as noted in Item 16s Printed/Typed Name Signature

APPENDIX E ASBESTOS INSPECTION REPORT AND RELATED INFORMATION

Asbestos Inspection

Tank Farm 906 Marlin Avenue Freeport Brazoria County, Texas 77541



Mr. Tony Maag Columbia Environmental Services, Inc. 13222 Reeveston Road Houston, Texas 77039 713-868-4845 ext 5651 email tmaag@columbiaenviro.com

RE: 20110073 Dear Mr. Maag:

Phase Engineering, Inc. (Texas Department of State Health Services [TDSHS] license # 10-0224) has conducted an asbestos inspection for demolition purposes of the suspect materials in the tank farm area located at 606 Marlin Avenue, Freeport, Brazoria County, Texas 77541.

- Date of Inspection: November 16, 2010.
- ❖ Location Contact: Mr. Tony Maag, Telephone 281-740-6607.
- Site maps were not provided by client.
- Known areas not available for access: None (0).
- Person(s) Conducting Inspection & Texas Department of State Health Services (TDSHS) License Number: Neal Barnes TDSHS # 105626.
- Total number of samples taken: Seven (7).
- Number of samples analyzed: Seven (7).
- Number of samples containing more than 1% asbestos: One (1).
- Number of samples containing asbestos but less than 1%: None (0).
- Laboratories Conducting Analysis and Method: Micro Analytical Services. (TDSHS License number # 30-0304), Methods – Interim 40 CFR Part 763 Appendix E to Subpart E Environmental Protection Agency (EPA), Improved EPA 600/R-93/116. 94

The potential Asbestos Containing Building Material (ACBM) samples collected (potential ACBMs that tested positive for asbestos or are assumed positive are shaded in yellow), their descriptions, and their locations are summarized in the following table:

Sample Number	Type / Condition	Well# / Location	Friable/Percent Asbestos
1-1-I-1	Loose Insulation – White Fibrous Insulation / Damaged	Northeast Metal Flanked Catch Area	Yes / None Detected
2-2-G-1	Metal Gasket Material – Rusted Non-fibrous Metal / Damaged	Southeast Tank in Northeast Berm Area	No / None Detected
3-3-G-1	Gasket Material – Black Fibrous Gasket + Beige Paint / Good	Piping in Northeast Berm Area	No / None Detected
4-4-H-1	Hose Material – Black Fibrous Hose / Good	Northeast Berm Area	No / None Detected
5-5-G-1	Gasket Material – Gray Fibrous Transite / Good	Southeast AST In Southeast Berm Area	Yes / 4% Chrysotile
6-6-G-1	Gasket Material – Green Fibrous Gasket Material / Good	Third AST from the Northwest End of Southeast Berm Area	Yes / None Detected
7-7-I-1	Tank Insulation – Dark Non-fibrous Mastic / Damaged	Third AST from the Northwest End of Southeast Berm Area	Yes / None Detected

See lab results and sample photographs attached to this letter. Under EPA 600/R-93/116; Interim 40 CFR Part 763 Appendix E to Subpart E it is not necessary to separate layers for point counting if the individual components are proportioned equally.

The inspection performed by Phase Engineering, Inc. was a suspect asbestos containing materials (ACMs) inspection for demolition purposes of the suspect materials in the tank farm area located at 606 Marlin Avenue, Freeport, Brazoria County, Texas 77541 following the National Emission Standards for Hazardous Air Pollutants (Title 40 CFR, Part 61). The inspector was provided no historical documentation of original construction or renovations of the buildings. No previous asbestos inspection reports or abatement reports were provided to the inspector. **This inspection is not intended to comply with AHERA 40 CFR 763.** All ACMs found and their homogeneous areas are assumed to be asbestos containing until a full asbestos inspection has been conducted.

Site Specific Details:

- The sampling protocol followed for this inspection was intended for demolition purposes of the suspect materials in the tank farm area located at 606 Marlin Avenue, Freeport, Brazoria County, Texas 77541.
- The specific square footage of each homogeneous suspect ACM area is not included as a part of this limited asbestos inspection.

Although Phase Engineering, Inc. uses trained and licensed inspectors in attempting to locate and identify materials potentially containing asbestos, Phase Engineering, Inc. does not warrant that all materials containing asbestos have been identified. It is possible that there are materials containing asbestos that were not found because they were not visible or accessible to the inspector, or for various other reasons, were not sampled. Moreover, it is possible that the actual quantities of materials will differ from the quantities of materials estimated during this survey.

Samples taken are categorized as either friable or non-friable. The term friable refers to the ease with which the material can be crumbled or made to produce dust using hand pressure alone. For example, ceiling tiles are generally considered friable, while floor tiles are generally considered non friable. Sheet rock wall materials are considered friable when damaged and non-friable when intact. The condition of the materials sampled is also categorized as good, damaged or significantly damaged.

A material is considered to be an ACM if it is composed of more than 1% asbestiform components.

Findings:

The results found during the asbestos inspection indicated one suspect ACMs sampled contained asbestos above 1%. The materials determined or assumed to be ACBMs are summarized in the following table:

TYPE OF MATERIAL	APPROXIMATE LOCATION OF ACBM	FRIABLE / NON-FRIABLE - CONDITION
Gray Valve Gasket	Southeast AST In Southeast Berm Area an All Gray Gaskets	Friable – Good

No other suspect ACMs analyzed were found to contain asbestos of the suspect materials in the tank farm area located at 606 Marlin Avenue, Freeport, Brazoria County, Texas 77541

Recommendations:

It is recommended that any ACMs or assumed ACMs, that will be disturbed, be removed by a licensed abatement contractor and if applicable, a licensed asbestos consultant. The TDSHS Demolition/Renovation Notification form can be used to meet the requirements of the National Emission Standards for Hazardous Air Pollutants, 40 CFR, Subpart M (NESHAP). These regulations require that written notification be submitted before beginning renovation projects that include the disturbance of any asbestos-containing material in a facility. A notification form is required before the demolition of a building or facility, even when no asbestos is present.

This form must be used to fulfill these requirements. Please call either 512-834-6610 or 1-800-572-5548 (within Texas), or your local regional office for assistance in completing this form.

During renovation or demolition activities, care should be exercised in dealing with all materials even those shown to be non-asbestos containing (this would include materials technically considered as non-asbestos containing because they are below the one percent limit). If these non-asbestos materials are to be disturbed work practices should be used that will limit exposure to dust and debris. Contractors performing this work should conform to OSHA regulations outlined in 29 CFR 1926.55 (exposure limits can be found in 29 CFR 1910.1000 Table Z-3).

In the event of future renovation and or demolition, further sampling may be required of suspect asbestos containing materials prior to these activities to satisfy the Environmental Protection Agency (EPA), Occupational Safety and Health Administration (OSHA), and Texas Department of State Health Services (TDSHS) rules and regulations at that time. If suspect asbestos containing building materials (not noted during this inspection) should be found during any renovation or demolition, these materials should be sampled for asbestos and handled appropriately following all local, state and federal rules and regulations at that time.

If improper renovation or demolition occurs the owner is subject to a \$10,000 a day fine, enforced by the Texas Department of State Health Services (TDSHS).

Thank you for the opportunity to work with you on your environmental needs. If you have any questions, please call me at (713) 476-9844 or 1-800-419-8881.

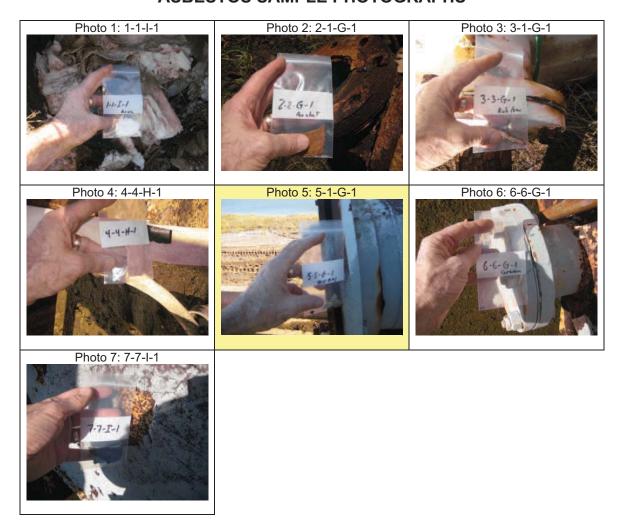
Sincerely,

Neal Barnes, P.G.

Asbestos Individual Consultant

TDSHS License # 105626

ASBESTOS SAMPLE PHOTOGRAPHS



ASBESTOS LABORATORY RESULTS



Micro Analytical Services, Inc. 11301 Richmond Ave. Ste.K100B♦Houston♦Tx 77082♦Phone(281)497-4500♦Fax(281)497-4517

NVLAP Lab No. 200618-0

TDSHS License No. 30-0304

PLM BULK ASBESTOS ANALYSIS REPORT

CLIENT: Phase Engineering, Inc. MAS JOB NO.: 8040-00

PROJECT: 906 Marlin **REPORT DATE:** November 18, 2010

IDENTIFICATION: Asbestos, Bulk Sample Analysis, Quantitation by Visual Area Estimation

TEST METHOD: Polarized Light Microscopy with Dispersion Staining

EPA Test Method 600/M4-82-020;

Interim (40CFR Part 763 Appendix E to Subpart E)

STATEMENT OF LABORATORY ACCREDITATION

These samples were analyzed at Micro Analytical Services, Inc. in the Asbestos Laboratory at 11301 Richmond Ave. Suite K100B, Houston, Texas, 77082. The Laboratory holds accreditation from the National Institute of Standards and Technology under the National Voluntary Laboratory Accreditation Program (NVLAP). This laboratory is also licensed and authorized to perform as an Asbestos Laboratory in the State of Texas within the purview of Texas Civil Statutes, Article 4477-3a, as amended, so long as this license is not suspended or revoked and is renewed according to the rules adopted by the Texas Board of Health.

The samples were analyzed in general accordance with the procedures outlined in the Method for the Determination of Asbestos in Bulk Building Materials, EPA/600/M4-82-020 or the U.S. Environmental Protection Agency method, under AHERA, for the analysis of asbestos in building materials by polarized light microscopy. The results of each bulk sample relate only to the material tested and the results shall not be used to claim product endorsement by NVLAP or any agency of the U.S. Government.

Specific questions concerning bulk sample results shall be directed to the Asbestos Bulk Laboratory at Micro Analytical Services, Inc.

Analyst: Tony T. Dang

Approved Signatory:



Micro Analytical Services, Inc. 11301 Richmond Ave. Ste. K100B♦Houston♦Texas 77082♦Phone(281) 497-4500♦Fax(281) 497-4517

Polarized Light Microscopy Analysis

Phase Engineering, Inc. 335 West 21st Street Houston, Texas 77008

MAS Project #: 8040-00 Date Received: 11/17/2010 Date Analyzed: 11/18/2010

Project Name: 906 Marlin

Field ID/	Layer #	Sample Description	Asbestos	Asbestos	Non-Asbestos
Lab ID			Detected?	Constituents	Constituents
			(Yes/No)	(%)	(%)
1-1-I-1	1	White fibrous insulation	No		100% fibrous Glass
MAS210374					
2-2-G-1	1	Rusted non-fibrous metal	No		100% Metal
MAS210375					
3-3-G-1	1	Black fibrous gasket with	No		10% Synthetic
MAS210376		beige paint			90% Rubber
4-4-H-1	1	Black fibrous hose	No		10% Synthetic
MAS210377					30% Cellulose
					60% Rubber
5-5-G-1	1	Grey fibrous transite	Yes	25% Chrysotile	75% Other
MAS210378					
6-6-G-1	1	Green fibrous gasket	No		40% Cellulose
MAS210379					60% Other
7-7-I-1	1	Dark non-fibrous mastic	No		100% Mastic
MAS210380					

Samples have been analyzed by the EPA Interim Method 600/M4-82-020. The test results herein relate only to the sample submitted and analyzed. This report may be only reproduced in full with the approval of the Bulk Asbestos Laboratory of Micro Analytical Services (MAS), Inc. The above percentages are visual estimates of area percent. MAS is not responsible for any errors resulting from improper or incorrect sampling or shipping procedures. These samples will be retained for a period of 30 days. Accreditation by NVLAP in no way constitutes or implies product certification, approval, or endorsement by NIST. Some materials, especially floor tiles, contain asbestos fibers too thin to be detected by this method. NVLAP Lab Code: 2000618 TDSHS License: 30-0341

STATEMENT OF QUALIFICATIONS



TEXAS DEPARTMENT OF STATE HEALTH SERVICES

PHASE ENGINEERING INC

is certified to perform as a

Asbestos Consultant Agency

in the State of Texas within the purview of Texas Occupations Code, chapter 1954, so long as this license is not suspended or revoked and is renewed according to the rules adopted by the Texas Board of Health.

DAVID LAKEY, M.D. COMMISSIONER OF HEALTH

David Lake 190

License Number: 100224

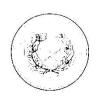
Expiration Date: 12/26/2011

Control Number: 96277

(Void After Expiration Date)

VOID IF ALTERED

NON-TRANSFERABLE



TEXAS DEPARTMENT OF STATE HEALTH SERVICES

DAVID L. LAKEY, M.D. COMMISSIONER

1100 West 49th Street • Austin, Texas 78756 P.O. Box 149347 • Austin, Texas 78714-9347 1-888-963-7111 • www.dshs.state.tx.us TTY: 1-800-735-2989

FEBRUARY 17, 2009

NEAL E BARNES PHASE ENGINEERING INC 335 WEST 21ST STREET HOUSTON, TX 77008

This is to verify that the individual shown below holds a valid credential to practice as an ASBESTOS INDIVIDUAL CONSULTANT in the State of Texas.

NAME: NEAL E BARNES

LICENSE TYPE: ASBESTOS INDIVIDUAL CONSULTANT

LICENSE NUMBER: 105626 CONTROL NUMBER: 95724 EXPIRATION DATE: 2/10/2011

If you have any questions, please contact us by phone at 512-834-6600, by fax at 512/834-6614. We encourage you to visit our website at http://www.dshs.state.tx.us for frequently updated information, including rules, laws, publications and forms. You may also verify a credential through this website.

Environmental & Sanitation Licensing Group



TEXAS DEPARTMENT OF STATE HEALTH SERVICES

MICRO ANALYTICAL SERVICES INC

is certified to perform as a

Asbestos Laboratory PCM, PLM

in the State of Texas within the purview of Texas Occupations Code, chapter 1954, so long as this license is not suspended or revoked and is renewed according to the rules adopted by the Texas Board of Health.

DAVID LAKEY, M.D. COMMISSIONER OF HEALTH

I wish Lake MD

License Number: 300341

Expiration Date: 1/25/2012

Control Number: 95623

(Void After Expiration Date)

VOID IF ALTERED

NON-TRANSFERABLE



National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Micro Analytical Services, Inc.

11301 Richmond Ave., Suite K100B Houston, TX 77082

Mr. Tony Dang

Phone: 281-497-4500 Fax: 281-497-4517

E-Mail: tdang@mas-lab.com URL: http://www.mas-lab.com

BULK ASBESTOS FIBER ANALYSIS (PLM)

NVLAP LAB CODE 200618-0

NVLAP Code

Designation / Description

18/A01

EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation

Samples

2010-01-01 through 2010-12-31

Effective dates

Page 1 of 1

For the National Institute of Standards and Technology

NVLAP-01S (REV. 2005-05-19)

United States Department of Commerce National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200618-0

Micro Analytical Services, Inc.

Houston, TX

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

BULK ASBESTOS FIBER ANALYSIS

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.

This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2010-01-01 through 2010-12-31

Effective dates



For the National Institute of Standards and Technology

LETTER OF ENGAGEMENT

Phase Engineering, Inc.

Environmental Consultants

November 12, 2010

Mr. Tony Maag Columbia Environmental Services, Inc. 13222 Reeveston Road Houston, Texas 77039 713-868-4845 ext 5651 email tmaag@columbiaenviro.com

Dear Mr. Maag:

We are pleased to make the following proposal for Professional Environmental Services for the tank farm area in the property located at 906 Marlin Avenue, Freeport, Brazoria County, Texas 77541:

Perform an asbestos inspection to identify suspect building materials that contain asbestos by a Texas Department of Health licensed inspector for renovation purposes. Exterior and roof materials will not be sampled as part of this inspection. By signing this agreement you agree that Phase Engineering, Inc. is not liable for any damage to these areas inspected. A minimum of three samples, of each suspect asbestos containing homogeneous building material will be taken, to satisfy the Texas Department of Health requirements for renovation/demolition of asbestos building materials. A minimum of one sample only may be required for exterior suspect asbestos containing materials sampled, if applicable. The samples will then be taken to the lab and analyzed for asbestos. It is recommended that the samples that are over one percent asbestos and under 5 percent asbestos should be point counted at the laboratory to confirm the percentage of asbestos in the building material. This analysis is more expensive than the traditional analysis (Polarized Light Microscopy) and is used when asbestos is near the one percent detection amounts. Transmission Electron Microscopy (TEM) is considered one of the most accurate methods for laboratory analysis for suspect asbestos containing building materials, however, this method is more costly and currently it is only recommended under federal regulations. Although Phase Engineering, Inc. uses trained and licensed inspectors in attempting to locate and identify materials potentially containing asbestos; Phase Engineering, Inc. does not warrant that all materials containing asbestos will be identified. It is possible that there are materials containing asbestos that were not found because they were not visible or accessible to the inspector, or for various other reasons, were not sampled.

Quoted price for inspection with sampling: \$500.00 plus \$15.00 per sample analyzed. The amount of samples taken will depend on how many will be required, at a minimum, to satisfy the regulations for renovation/demolition.

Point count analysis: \$50.00 per sample analyzed, when applicable and pre approved.

Includes two copies of final report with findings, conclusions and recommendations.
 Additional Copies @ \$50.00 each.

Rush fees are \$750.00 for inspection plus \$30.00 per sample analyzed.

- Delivery: Verbal as soon as results are delivered from the laboratory. Final Report approximately 10-12 working days from receipt of laboratory results. Delivery charges may apply, not to exceed \$30.00 per delivery, unless client arranges pickup at their own expense.
- Terms: Net due upon receipt of final report.
- Insurance coverage: \$2,000,000 Professional and General Liability.

If the above terms and conditions are acceptable, please sign and return (fax 713 476-9797) a copy of this letter to serve as a letter of engagement and notification to proceed. The following information is needed to begin the project:

- Access to all areas to be sampled and Contact Name & Telephone Number and Current Owner Name.
- Floor plans sent to our office prior to inspection. Inspection will be conducted after receipt of work plan and drawings. If project is a complete demolition these items may not be required if not available. If floor plans are not provided a \$50.00 drawing fee may apply.
- 3. Entity for which the report and invoice will be addressed and delivery instructions. If no written information is provided to Phase engineering, Inc. regarding these items, the reports will be issued, billed and delivered to above.

Thank you for the opportunity to work with you on your environmental needs. If you have any questions, please call me at (713) 476-9844 or 1-800-419-8881.

Sincerely,

Neal Barnes, P.G. Asbestos Consultant

reed to: Seg Dangund Date: 11-25-1

Default delivery is by PDF file. Initial if you prefer to have paper copies shipped.

.

Permit Information

	210	8-0010-00	0				
Street: 906 MARLIN	City: FREEF	PORT	State TX	Zip: 77541-			
Permit #: 2010-0799	Issue Date:	12/8/2010	Expiration I	Date: 6/6/2011			
Permit Point of Contact				A DE TOTAL			
Last Name	First Name		Home F	hone			
GULFCO MARINE MAINTENA			(512) 671-3434				
Street			Work P	hone			
906 MARLIN							
City	State	Zip	Email				
FREEPORT	TX	77541					
Contractor/Architect							
COLUMBIA ENVIRONMEN	NTAL SVS. INC	/					
Permit Information		-/	1	1			
Permit Type		Approved	Permit Fee	Est. Project Cost			
DEMO		Δ	\$200.00	\$25,000.00			
Project Dimensions		Version	of Code	/			
To Clerk Da	ite: 12/8/20	10	Closure D	ate:			
Insurance Notification Da	ite:	In	sureance Receipt D	ate:			
Temporary CoO/C Da	ite:		CoO/C D	ate:			
Permit Issuer	Final Inspector		coe	O/C Issuer			
MELISSA FARMER	The second second second second	LAYIWOLA					
				Final Insp. Date			
- Justice of the second of the							
General Comments							
DEMO 12 OF THE 5,000 G EACH OF THE 3 THAT AR PERMITS	SALLON TANKS E 73,000 GALL	(60,000) W ONS WILL I	ILL BE TREATE BE TREATED AS	D AS ONE PERMI			





200 WEST SECOND STREET / FREEPORT, TEXAS 77541 / PHONE (979) 233-3526 / FAX (979) 233-2172

PERMIT APPLICATION

Applicant's Name: Columbia Environmental Sts. Inc.
Owners Name: GuiFco Mpaine Maintenance
Owners Address: 10/3222 REEVESTON, HOUSTON, TX
77039
JOB INFORMATION
Contractor's Name: Columbia Environmente Sts., Inc.
Work Location: 906 MARLIN Ave, Freepont, Tr
Description of Job Demo 3x 375 KTANKS (\$50.00/EA.)
And 14 x 300-6000 (\$ 50.00/group) TANICS.
Valuation of Job: \$\(\sum_{\text{Demolition}} \) Permit Fee: \$\(\frac{100.00}{200.00} \) Demolition \(\text{House moving} \) \(\text{Same and } \)
Phone numbers: Owner of Property 5/2-67/- 3434
Contractor 281-140-6607
Plans turned in with application: Type: Ty
Date of Application: 16 10 TOH DEMO Application
Applicants Signature: Tony more
Allegate istologica

Phase Engineering, Inc.

Environmental Consultants

November 16, 2010

Mr. Tony Maag Columbia Environmental Services, Inc. 13222 Reeveston Road Houston, Texas 77039 713-868-4845 ext 5651 email tmaag@columbiaenviro.com

RE: Asbestos Inspection for demolition purposes of the suspect materials in the tank farm area located at 606 Marlin Avenue, Freeport, Brazoria County, Texas 77541.

Dear Mr. Maag:

An asbestos inspection was conducted November 15, 2010 by Neal Barnes (TDSHS license # 10-5626) of Phase Engineering, Inc. (TDSHS license # 10-0224) in accordance with the National Emission Standards for Hazardous Air Pollutants (Title 40, CFR, Part 61) of the suspect materials in the tank farm area located at 606 Marlin Avenue, Freeport, Brazoria County, Texas 77541 as described within the report to follow. Greater than 1% asbestos was detected in gray vlave gasket material. No other asbestos greater than 1% was detected in the suspect asbestos containing building materials sampled and analyzed within the areas subject to renovation.

If the facility is to be demolished or renovated it is recommended that any ACBMs or assumed ACBMs that will be disturbed be removed by a licensed abatement contractor and if applicable, a licensed asbestos consultant. The TDSHS Demolition/Renovation Notification form combines the requirements of the National Emission Standards for Hazardous Air Pollutants, 40 CFR, Subpart M (NESHAP) and the Texas Asbestos Health Protection Rules (TAHPR). Both of these regulations require that written notification be submitted before beginning renovation projects that include the disturbance of any asbestos-containing material in a facility. A notification form is required before the demolition of a building or facility, even when no asbestos is present. This form must be used to fulfill either of these requirements. Please call either 512-834-6610 or 1-800-572-5548 (within Texas), or your local regional office for assistance in completing this form.

During renovation or demolition activities, care should be exercised in dealing with all construction materials even those shown to be non-asbestos containing (this would include materials technically considered as non-asbestos containing because they are below the one percent limit). If these non-asbestos materials are to be disturbed work practices should be used that will limit exposure to dust and debris. Contractors performing this work should conform to OSHA regulations outlined in 29 CFR 1926.55 (exposure limits can be found in 29 CFR 1910.1000 Table Z-3).

During renovation or demolition activities it is required to have a copy of the asbestos inspection report available during all phases of the renovation or demolition. If you should have any questions or comments concerning the inspection or this letter please call me at (713) 476-9844 or (800) 419-8881. We appreciate you using Phase Engineering, Inc. professional environmental services and look forward to serving you again in the near future.

Sincerely,

Neal Barnes, P.G. Asbestos Consultant

TDSHS License # 105626



For Office Use Only:	
Notification #:	

ASBESTOS/DEMOLITION NOTIFICATION FORM

	DO NOT WRITE IN THIS BOX- FOR DEPARTMENT USE ONLY Date received:// Postmark date:// Walk-in date:/_/_
	TYPE OF NOTIFICATION: (Select one and fill in the requested information)
\boxtimes	ORIGINAL AMENDMENT No CANCELLATION
	•Was emergency request made to the Regional Office or Environmental Health Notifications Group (EHNG) by phone? ☐Yes ☐No •If yes, the DSHS reference #: and name of the Regional or EHNG representative with whom you spoke? Date: _/ / Time: ☐a.m. ☐p.m. •Describe the reason for Emergency:
	ORDERED: (For structurally unsound facilities, attach copy of demolition order and identify Governmental Official) Name: Registration No Title: Date of order (MM/DD/YY): _ / _/ Date order to begin (MM/DD/YY):/ _/
(x)	AMENDMENTS: You must complete the entire form and mark the appropriate check box(es) along the left-hand side of this form to
low if ended	indicate amended information.
	TYPE OF WORK Asbestos Abatement Demolition Annual Consolidated O&M Abatement/Demolition Is this a phased project? Yes No
Z Z Z	FACILITY INFORMATION 1. Facility Location Description or Facility Name: Former Gulfco Marine Maintance Facility Physical Address: 906 marlin Ave County: Brazoria City: Freeport Zip: 77541 Facility Contact: Tony Maag Phone #: (281) 740-6607
	2. Type of Facility (Select one) ☐ Public ☐ Federal ☐ Industrial/Manufacturing ☒ NESHAP-Only ☐ Public School K-12
	3. Facility Details Description of Area/Room Number: Tank Demo Age of Building: 30+ Size: 30K SF Number of Floors: 1 Is this building occupied? Yes No Prior Use: Mantiance Facility TANK FARM Future Use: Abandon Date of Asbestos Survey/NESHAP Inspection: 11/16/10 DSHS Inspector License #: 105626 Analytical Method: PLM TEM Assumed Asbestos No Suspect Material DSHS Laboratory License #: 30-0340
	WORK SCHEDULE/ASBESTOS AMOUNTS (Note: if the start date(s) entered below cannot be met, the DSHS Regional or Local Program office must be notified prior to the scheduled start date. Failure to do so is a violation of TAHPA Section 295.61.)
]]	1. Asbestos Abatement Work Schedule: Start date: / / and End date: / / Work days: Mon. Tues. Wed. Thurs. Fri. Sat. Sun. Working hours: _ a.m. p.m. to _ a.m. p.m. 2. Demolition Work Schedule: Start date: 12/08/10 and End date: 01/06/11 Work days: Mon. Tues. Wed. Thurs. Fri. Sat. Sun. Working hours: 7:00 a.m. p.m. to 6:00 a.m. p.m.

Asbestos-Containing Building Material Type	Approximate amount of Asbestos						
*Only mark the boxes below on this chart if they are being amended	Pipes	Ln Ft	Ln M	Surface Area	SQ Ft	SQ M	Cu Ft
RACM to be removed		Ø	П	2		П	
RACM left in place during demolition					П	Ħ	-
Interior Category I non-friable removed					Ħ	Ħ	
Exterior Category I non-friable removed					Ī	n	
Category I non-friable left in place during demolition					Ħ	T	
Interior Category II non-friable removed							
Exterior Category II non-friable removed							
Category II non-friable left in place during demolition							
RACM Off-Facility Component			Paul Note: 1				-
3. Description of work practices and engineering controls to be u Wear proper PPE, cut flage off and drum for disposal	sed to pr	event	emiss	sions of asbestos	at the	demol	ition s
wear proper FFE, cut mage on and di uni for disposar							
PROJECT INFORMATION							
A. FACILITY OWNER							
A. FACILITY OWNER Facility Owner Name: LDL Coastal LP Phone #: (281) 740-6607 Attention: c/o Tony Maag Mailing Address: 13222 Reeveston							
A. FACILITY OWNER Facility Owner Name: LDL Coastal LP Phone #: (281) 740-6607 Attention: c/o Tony Maag Mailing Address: 13222 Reeveston City: Houston State: TX Zip: 77039 B. ASBESTOS ABATEMENT CONTRACTOR #1							
A. FACILITY OWNER Facility Owner Name: LDL Coastal LP Phone #: (281) 740-6607 Attention: c/o Tony Maag Mailing Address: 13222 Reeveston City: Houston State: TX Zip: 77039							

D. ASBESTOS SUPERVISOR

...... DSHS Supervisor License #: NA Site Supervisor: ______

...... DSHS Supervisor License #: ____ Site Supervisor: _____

(x) selow if	
	E. NESHAP TRAINED INDIVIDUAL
□	NESHAP Trained Individual: <u>NA</u>
	Certification Date:/_/_
	F. DEMOLITION CONTRACTOR
	Demolition Contractor: Effective Environmental, Inc.
	Address: 2515 S. Beltline Rd
	City: Mesquite State: TX Zip: 75181 Phone #: (972) 329-1200
□	.G. PROJECT CONSULTANT OR OPERATOR
	DSHS License No.: <u>10-5519</u>
	Project Consultant or Operator: Enercon
	Address: 12100 Ford Rd, Ste 200 City: Dallas State: TX Zip: 75234 Phone #: (972) 484-3854
	City. Dallas State. 14 2.1p. 15254 Tholic 4. (512) 404-5054
П	. H. Waste Transporter
	DSHS Waste Transporter License #:
	Waste Transporter: to be determined
	Address:
	City: State: Zip: Contact Person: Phone #: ()
	Contact PersonPhone #
П	.I. Waste Disposal Site
	TCEQ Permit #: 1721A
	Waste Disposal Site: Waste Managment
	Address: 19818 E Highway 6
	City: Alvin State: TX Zip: 77511
	Phone #: (713) 423-1714
	CERTIFICATION STATEMENT
	I hereby declare that I have examined this notification and, to the best of my knowledge and belief, all information provided is
	complete, true, and correct. I affirm that I am the owner, operator, or delegated agent and that I am responsible for the fee
	associated with this notification. I also understand that the owner, operator, or delegated agent is responsible for notification to
	the department.
	- 121 Date: 11/25/10
	(Signature of Owner, Operator or Delegated Agent)
	(organization of program is grant)
	Tony Maag/PM
	(Printed Name & Title)
	E - 11 Address traces Coolumbic convince com Phone # (281) 740 6607
	E-mail Address: tmaag@columbiaenviro.com Phone #: (281) 740-6607

IMPORTANT INFORMATION

NOTIFICATION TIMELINESS REQUIREMENT:

Your Asbestos/Demolition Notification form must be postmarked no less than ten working days (not calendar days) prior to the start of any asbestos abatement or demolition.

FILING FEE: An invoice will be mailed to the facility owner upon completion of the project.

CALL FOR ASSISTANCE:

(512) 834-6747 or (888) 778-9440 (toll free in Texas)

MAIL FORM TO:

ENVIRONMENTAL HEALTH NOTIFICATIONS GROUP TEXAS DEPARTMENT OF STATE HEALTH SERVICES

PO BOX 143538

AUSTIN, TX 78714-3538

APPENDIX F TANK CERTIFICATES OF DESTRUCTION



Eric Pastor
Pastor, Behling & Wheeler, LLC
2201 Double Creek Drive, Suite 4004
Round Rock, Texas 78664

Phone: 512-671-3434

Email: eric.pastor@pbwllc.com

Subject: Tank Destruction Certificate Former Gulfco Superfund Site LDL Coastal, LP

Effective Environmental, Inc. (E2) does herby certify that the following tank with the associated volume was demolished on site and the material was sent to Proler Southwest, Inc. at 90 Hirsch Road in Houston, Texas for recycling. The demolition was done in accordance with the Work Implementation Plan for the project. The scrap delivery tickets are being submitted as a package. The shipments were not specific to each tank or tank numbers.

Tank No. Z Capacity: 7,500 gal

Certified by:

Greg Blomquist

2515 S. Beltline Rd. Mesquite, TX 75181 Phone: 972 329 1200

Fax: 972 329 1206

9950 Chemical Road Houston, TX 77507 Phone: 713 672 6100



Eric Pastor Pastor, Behling & Wheeler, LLC 2201 Double Creek Drive, Suite 4004 Round Rock, Texas 78664 Phone: 512-671-3434

Email: eric.pastor@pbwllc.com

Subject: Tank Destruction Certificate Former Gulfco Superfund Site LDL Coastal, LP

Effective Environmental, Inc. (E2) does herby certify that the following tank with the associated volume was demolished on site and the material was sent to Proler Southwest, Inc. at 90 Hirsch Road in Houston, Texas for recycling. The demolition was done in accordance with the Work Implementation Plan for the project. The scrap delivery tickets are being submitted as a package. The shipments were not specific to each tank or tank numbers.

Tank No. 4 Capacity: 28,700 gs.

Certified by:

Greg Blomquist

2515 S. Beltline Rd. Mesquite, TX 75181 Phone: 972 329 1200 Fax: 972 329 1206 9950 Chemical Road Houston, TX 77507 Phone: 713 672 6100 Fax: 713 672 6101



Eric Pastor Pastor, Behling & Wheeler, LLC 2201 Double Creek Drive, Suite 4004 Round Rock, Texas 78664 Phone: 512-671-3434

Email: eric.pastor@pbwllc.com

Subject: Tank Destruction Certificate Former Gulfco Superfund Site LDL Coastal, LP

Effective Environmental, Inc. (E2) does herby certify that the following tank with the associated volume was demolished on site and the material was sent to Proler Southwest, Inc. at 90 Hirsch Road in Houston, Texas for recycling. The demolition was done in accordance with the Work Implementation Plan for the project. The scrap delivery tickets are being submitted as a package. The shipments were not specific to each tank or tank numbers.

Tank No. 6 Capacity: 31,000 gal

Certified by:

Greg Blomquist

2515 S. Beltline Rd. Mesquite, TX 75181 Phone: 972 329 1200

Fax: 972 329 1206

9950 Chemical Road Houston, TX 77507 Phone: 713 672 6100



Eric Pastor Pastor, Behling & Wheeler, LLC 2201 Double Creek Drive, Suite 4004 Round Rock, Texas 78664

Phone: 512-671-3434

Email: eric.pastor@pbwllc.com

Subject: Tank Destruction Certificate Former Gulfco Superfund Site LDL Coastal, LP

Effective Environmental, Inc. (E2) does herby certify that the following tank with the associated volume was demolished on site and the material was sent to Proler Southwest, Inc. at 90 Hirsch Road in Houston, Texas for recycling. The demolition was done in accordance with the Work Implementation Plan for the project. The scrap delivery tickets are being submitted as a package. The shipments were not specific to each tank or tank numbers.

Tank No. 10 Capacity: 3,400 gal

Certified by:

Greg Blomquist

2515 S. Beltline Rd. Mesquite, TX 75181 Phone: 972 329 1200 Fax: 972 329 1206

9950 Chemical Road Houston, TX 77507 Phone: 713 672 6100 Fax: 713 672 6101



Eric Pastor Pastor, Behling & Wheeler, LLC 2201 Double Creek Drive, Suite 4004 Round Rock, Texas 78664

Phone: 512-671-3434

Email: eric.pastor@pbwllc.com

Subject: Tank Destruction Certificate

Former Gulfco Superfund Site

LDL Coastal, LP

Effective Environmental, Inc. (E2) does herby certify that the following tank with the associated volume was demolished on site and the material was sent to Proler Southwest, Inc. at 90 Hirsch Road in Houston, Texas for recycling. The demolition was done in accordance with the Work Implementation Plan for the project. The scrap delivery tickets are being submitted as a package. The shipments were not specific to each tank or tank numbers.

Tank No. ____13 ____ Capacity: <u>6,000 g</u>al

Certified by:

Greg Blomquist

2515 S. Beltline Rd. Mesquite, TX 75181 Phone: 972 329 1200

Fax: 972 329 1206

9950 Chemical Road Houston, TX 77507 Phone: 713 672 6100



Eric Pastor
Pastor, Behling & Wheeler, LLC
2201 Double Creek Drive, Suite 4004
Round Rock, Texas 78664
Phone: 512-671-3434

Email: eric.pastor@pbwllc.com

Subject: Tank Destruction Certificate Former Gulfco Superfund Site LDL Coastal, LP

Effective Environmental, Inc. (E2) does herby certify that the following tank with the associated volume was demolished on site and the material was sent to Proler Southwest, Inc. at 90 Hirsch Road in Houston, Texas for recycling. The demolition was done in accordance with the Work Implementation Plan for the project. The scrap delivery tickets are being submitted as a package. The shipments were not specific to each tank or tank numbers.

Tank No. 14 Capacity: 10,000 gol

Certified by:

Greg Blomquist

2515 S. Beltline Rd. Mesquite, TX 75181 Phone: 972 329 1200 Fax: 972 329 1206

9950 Chemical Road Houston, TX 77507 Phone: 713 672 6100 Fax: 713 672 6101



Eric Pastor Pastor, Behling & Wheeler, LLC 2201 Double Creek Drive, Suite 4004 Round Rock, Texas 78664 Phone: 512-671-3434

Email: eric.pastor@pbwllc.com

Subject: Tank Destruction Certificate Former Gulfco Superfund Site LDL Coastal, LP

Effective Environmental, Inc. (E2) does herby certify that the following tank with the associated volume was demolished on site and the material was sent to Proler Southwest, Inc. at 90 Hirsch Road in Houston, Texas for recycling. The demolition was done in accordance with the Work Implementation Plan for the project. The scrap delivery tickets are being submitted as a package. The shipments were not specific to each tank or tank numbers.

Tank No. 15 Capacity: 73,500gol

Certified by:

Greg Blomquist

2515 S. Beltline Rd. Mesquite, TX 75181 Phone: 972 329 1200 Fax: 972 329 1206

Phone: 713 672 6100 Fax: 713 672 6101

9950 Chemical Road

Houston, TX 77507



Eric Pastor Pastor, Behling & Wheeler, LLC 2201 Double Creek Drive, Suite 4004 Round Rock, Texas 78664

Phone: 512-671-3434

Email: eric.pastor@pbwllc.com

Subject: Tank Destruction Certificate Former Gulfco Superfund Site

LDL Coastal, LP

Effective Environmental, Inc. (E2) does herby certify that the following tank with the associated volume was demolished on site and the material was sent to Proler Southwest, Inc. at 90 Hirsch Road in Houston, Texas for recycling. The demolition was done in accordance with the Work Implementation Plan for the project. The scrap delivery tickets are being submitted as a package. The shipments were not specific to each tank or tank numbers.

Tank No. 16 Capacity: 5,000 gg/

Certified by:

Greg Blomquist

2515 S. Beltline Rd. Mesquite, TX 75181 Phone: 972 329 1200

Fax: 972 329 1206

9950 Chemical Road Houston, TX 77507 Phone: 713 672 6100



Eric Pastor Pastor, Behling & Wheeler, LLC 2201 Double Creek Drive, Suite 4004 Round Rock, Texas 78664 Phone: 512-671-3434

Email: eric.pastor@pbwllc.com

Subject: Tank Destruction Certificate Former Gulfco Superfund Site LDL Coastal, LP

Effective Environmental, Inc. (E2) does herby certify that the following tank with the associated volume was demolished on site and the material was sent to Proler Southwest, Inc. at 90 Hirsch Road in Houston, Texas for recycling. The demolition was done in accordance with the Work Implementation Plan for the project. The scrap delivery tickets are being submitted as a package. The shipments were not specific to each tank or tank numbers.

Tank No. 17 Capacity: 4,000 gal

Certified by:

Greg Blomquist

2515 S. Beltline Rd. Mesquite, TX 75181 Phone: 972 329 1200

Fax: 972 329 1206

9950 Chemical Road Houston, TX 77507 Phone: 713 672 6100



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Tank No. 18 Capacity: 3,000 ga (

Certified by:

Greg Blomquist

2515 S. Beltline Rd. Mesquite, TX 75181 Phone: 972 329 1200 Fax: 972 329 1206 9950 Chemical Road Houston, TX 77507 Phone: 713 672 6100 Fax: 713 672 6101



Eric Pastor Pastor, Behling & Wheeler, LLC 2201 Double Creek Drive, Suite 4004 Round Rock, Texas 78664

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Subject: Tank Destruction Certificate Former Gulfco Superfund Site LDL Coastal, LP

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Tank No. 19 Capacity: 73,500ga C

Certified by:

Greg Blomquist

2515 S. Beltline Rd. Mesquite, TX 75181 Phone: 972 329 1200 Fax: 972 329 1206

Phone: 713 672 6100 Fax: 713 672 6101

9950 Chemical Road

Houston, TX 77507



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Tank No. 21 Capacity: 73,500 gol

Certified by:

Greg Blomquist

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Fax: 972 329 1206

9950 Chemical Road Houston, TX 77507 Phone: 713 672 6100



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Subject: Tank Destruction Certificate Former Gulfco Superfund Site LDL Coastal, LP

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Tank No. 22 Capacity: 6,000 gol

Certified by:

Greg Blomquist

2515 S. Beltline Rd. Mesquite, TX 75181 Phone: 972 329 1200

Fax: 972 329 1206

9950 Chemical Road Houston, TX 77507 Phone: 713 672 6100



Eric Pastor Pastor, Behling & Wheeler, LLC 2201 Double Creek Drive, Suite 4004 Round Rock, Texas 78664

Phone: 512-671-3434

Email: eric.pastor@pbwllc.com

Subject: Tank Destruction Certificate Former Gulfco Superfund Site LDL Coastal, LP

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Effective Environmental, Inc. (E2) does herby certify that the following tank with the associated volume was demolished on site and the material was sent to Proler Southwest, Inc. at 90 Hirsch Road in Houston, Texas for recycling. The demolition was done in accordance with the Work Implementation Plan for the project. The scrap delivery tickets are being submitted as a package. The shipments were not specific to each tank or tank numbers.

Tank No. 23

Capacity: 500 gol

Certified by:

Greg Blomquist

2515 S. Beltline Rd. Mesquite, TX 75181 Phone: 972 329 1200

Fax: 972 329 1206

9950 Chemical Road Houston, TX 77507 Phone: 713 672 6100

APPENDIX G

NORTH CONTAINMENT AREA SOIL EXCAVATION APPROACH DOCUMENTATION

Eric Pastor

From:

Miller.Garyg@epamail.epa.gov

Sent:

Friday, January 07, 2011 4:21 PM

To:

Eric Pastor

Cc:

Voskov, Luda; Sanchez.Carlos@epamail.epa.gov; Nann.Barbara@epamail.epa.gov;

Bhattacharya.Dipanjana@epamail.epa.gov; Shade.Kevin@epamail.epa.gov;

Roddy.Susan@epamail.epa.gov

Subject:

Re: Proposed Approach to Address Gulfco Tank Farm North Containment Area

Attachments: Tank Content Concentrations.pdf; AST Tank Farm Containment Area Soil Excavation

Comparison Criteria.pdf; Figure 1 - Tank Farm Map.pdf; NEDR Figure 3 - Well Locations.pdf;

Table 24 - Zone A Groundwater Exceedences.pdf

Eric.

The proposed plan below to address the Gulfco Tank Farm north containment area is approved. FYI, EPA's contractors will be on-site and plan to collect sample splits for the verification samples.

Regards,

Gary Miller, P.E. Remediation Project Manager EPA Region 6 - Superfund (6SF-RA) (214) 665-8318 miller.garyg@epa.gov

From:

"Eric Pastor" <eric.pastor@pbwllc.com>

To:

Garya Miller/R6/USEPA/US@EPA

Date:

01/07/2011 10:45 AM

Subject:

Proposed Approach to Address Gulfco Tank Farm North Containment Area

Hi Gary -

As you know from our previous communications, during the performance of the time critical removal action at the former Gulfco tank farm area, we recently observed that the north containment area floor was constructed of a compacted caliche base material rather than concrete as was previously thought (the south containment area floor was constructed of concrete as anticipated). As indicated in my e-mail to you on December 23, 2010, visible staining of this north containment area caliche floor below the footprint of Tank No. 6 was observed when that tank was removed. In addition, we have recently observed smaller isolated areas of staining below Tank Nos. 2, 15, and 21 in the north containment area (see attached Figure 1 - tank farm map for locations).

In accordance with our previous communications, I am sending this e-mail to outline our proposed plan for addressing the areas of observed impacts to the north containment area floor and decontaminating that area prior to demolishing sections of the containment area dikes as described in the removal action work plan. I would greatly appreciate it if you could review and comment on these proposed activities at your earliest convenience, so we may proceed with their implementation as soon as possible.

Specifically, we propose to perform the following:

- 1) Focused areas of the caliche floor below the former footprints of Tank Nos. 2, 6, 15 and 21 where visible staining is observed will be excavated. As practical, we propose to excavate the caliche floor and underlying soils as necessary until no visible staining is observed at the floors and walls of each excavated area. In addition, we will scrap and remove the upper approximately two inches of the caliche floor from the balance of the north containment area.
- 2) Excavated soil and caliche will be placed in water-tight roll-off bins staged near the excavation area. One or more representative samples of the excavated material will be collected by the remediation contractor for waste classification and profiling. Following completion of sample analyses and profiling, the excavated material will be shipped off-site for management at one of the facilities specified in Table 6 of the removal action work plan, or an alternative facility certified in advance by EPA as described in the Settlement Agreement.
- 3) Upon reaching the above excavation goal, we will collect verification samples of the caliche floor and/or underlying soil. Specific numbers and locations of verification samples will be selected in the field based on the areas, sizes and configurations of the areas excavated. For planning purposes, it is anticipated that two samples will be collected from the Tank No. 6 footprint and one sample will be collected from each of the Tank Nos. 2, 15, and 21 footprints. These samples will be analyzed for the project volatile organic compound (VOC) and semivolatile organic compound (SVOC) analytes listed in the attached Table 1. Sampling and analytical procedures will be as specified in the Field Sampling Plan (FSP) and Quality Assurance Project Plan (QAPP). Level III analyses and validation will be performed. Analytical results will be compared to the comparison criteria listed in the attached Table 1 on an individual or statistical basis in accordance with EPA guidance. As indicated in Table 1, the comparison criteria are the lower of EPA and TCEQ risk-based screening values for direct contact with soil by industrial/commercial workers.
- 4) In the event that some areas can not practically be excavated such that visible staining is removed or the extent of impacted caliche/soil is anticipated to preclude effective remediation by excavation, we will contact you to discuss potential in-place remediation options. Pending that discussion and with EPA's concurrence, we will excavate as much material as appropriate and collect verification samples to document VOC and SVOC concentrations in the residual (i.e., post-excavation) soil/caliche.
- 5) Similarly, in the event that the comparison of verification samples described above indicates that residual soil/caliche concentrations exceed comparison criteria, we will contact you to discuss potential in-place remediation options. Pending that discussion and EPA's input, we will propose additional remediation activities for EPA review.
- 6) Following completion of the above excavation and sampling activities, backfilling of excavated areas will be performed as necessary to minimize the potential for accumulation of rainfall in low spots. Containment area berms will subsequently be demolished in accordance with the removal action work plan.

As we discussed and as shown on the attached Figure 3 from the previously submitted Nature and Extent Data Report (NEDR), three monitoring wells (SE6MW09, SF5MW10 and SF6MW11) are located immediately adjacent to or within 50 feet of the north containment area. As part of the RI, samples from these wells were analyzed for the full suite of Site chemicals of interest (COIs). As indicated on page 4 in the attached Table 24 from the NEDR, the only COIs detected in these samples at concentrations exceeding groundwater extent evaluation comparison values were very low and estimated (i.e., J-flagged) concentrations of silver (SE6MW09 and SF6MW11) and gamma-BHC (Lindane) (SF5MW10), neither of which were detected in samples from Tank Nos. 2, 6, 15, and 21 as shown on the attached Table 1 from the removal action work plan.

Thanks for reviewing this description of our proposed work. Please let me know if you have any comments/revisions or need any additional information before we proceed.

Eric Pastor Pastor, Behling & Wheeler, LLC 2201 Double Creek Drive, Suite 4004 Round Rock, Texas 78664 512-671-3434

Table 1
Gulfco Former AST Tank Farm
Tank Sample - RCI/Toxicity Data

Tank No.	Sample ID.	Physical Description	Hd	Reactivity Sulfide	Reactivity Cyanide	Flashpoint	Arsenic	Barium	Benzene	Cadmium	Carbon Tetrachloride
				ppm	ppm	Deg. F.	mg/L	mg/L	mg/L	mg/L	mg/L
Tool: No. 2	TK-2-O	Aqueous Phase	NA	NA	NA	NA	<0.0024	12.1	<0.177	NA	NA
Tank No. 2	TK-2-0	Organic Phase	5.95	112	<250	>212	<0.0024	8.19	0.415 J	0.0033 B	<0.013
	TK-2-S	Solids- sand, debris, etc.	NA NA	NA NA	NA	NA NA	<0.0024	2.82	24.1	0.0033 B	<0.256
	411.5.5		1 17.5	- Million	1		0,002	2.02		0.0000	0.200
Tank No. 4	TK-4-A	Oily Water	7.4	<96	<250	>212	<0.0024	29.7	<0.000177	0.016	<0.000336
Tank No. 6	TK-6-S	Rust Solids	NA	NA	NA	NA	<0.0024	0.89 B	<0.009	0.002 B	<0.00512
Tank No. 13	TK-13-O	Oily sludge	6.89	80	<250	>212	<0.0024	0.27 B	13.8	<0.00022	<0.128
Tank No. 14	None	Empty (2 in. of rust solids)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tank No. 15	TK-15-O	Oily sludge	6.38	<80	<250	126	<0.0024	0.22 B	5.3	<0.00022	<0.00512
Tank No. 16	TK-16-O	Oily sludge	6.31	<80	<250	>212	<0.0024	0.39 B	<0.009	<0.00022	<0.00512
Tank No. 17	TK-17-S	Rust solids	NA	NA	NA	NA	<0.0024	0.56 B	<0.009	0.0012 B	<0.00512
Tank No. 18	TK-18-O	Light Organic Phase	3.37	<417	<250	90	<0.024	0.53 B	<9	<0.0022	<5.12
Tank No. 19	TK-19-O	Oily sludge	6.75	216	<250	104	<0.0024	1.33	<4.5	<0.00022	<2.56
Tank No. 21	TK-21-A	Oily water	8.5	<80	<250	>212	<0.0024	0.0021 B	51.6 J	<0.00022	<5,12
Tank No. 22	TK-22-O	Oily sludge	6.74	<80	<250	>212	<0.0024	0.28 B	<0.009	<0.00022	<0.00512
Tank No. 23	TK-23-O (mg/kg)	Appears to be diesel	6.72	160	<250	126	<0.16	0.26B	<2.08	<0.013	<2.4
North Containment Area	Dike North	Water	NA	NA	NA	NA	0.012	1.17	0.011	<0.00019	0.00889 J
South Containment Area	Dike South	Water	NA	NA	NA	NA	0.024	0.49	0.015	<0.00019	<0.000336
Hazardous Criteria			= 2 or /= 12.5	>/= 500	>/= 250	<140	5	100	0.5	1	0.5

Table 1
Gulfco Former AST Tank Farm
Tank Sample - RCI/Toxicity Data

Tank No.	Sample ID.	Physical Description	Chlordane	Chlorobenzene	Chloroform	Chromium	o-Cresol	m,p-Cresol	Cresol	1,2-Dichloroethane	1,4-Dichlorobenzene	2,4'-D
7,1110-10-1110-111			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Tank No. 2	TK-2-O TK-2-O TK-2-S	Aqueous Phase Organic Phase Solids- sand, debris, etc.	NA <0.00008 <0.00008	<0.162 <0.021 <0.426	1.5 J 2.25 20.7	0.16 <0.0012 0.0045 B	<0.409 <0.0012 0.00275 J	<0.368 <0.0014 <0.0014	NA <0.003 0.00414 J	7.97 8.4 203	<0.0538 <0.0011 <0.0011	NA <0.0027 <0.0027
Tank No. 4	TK-4-A	Oily Water	NA	<0.000162	<0.00018	<0.0012	<0.00327	<0.00295	NA	<0.000176	<0.000538	<0.00027
Tank No. 6	TK-6-S	Rust Solids	<0.00008	<0.00852	<0.00776	<0.0012	<0.0012	<0.0014	<0.003	<0.0082	<0.0011	<0.0027
Tank No. 13	TK-13-O	Oily sludge	<0.00008	<0.213	1.32 J	<0.0012	<0.0012	0.00143 J	<0.003	2.73 J	<0.0011	<0.0027
Tank No. 14	None	Empty (2 in. of rust solids)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tank No. 15	TK-15-O	Oily sludge	<0.00008	<0.00852	<0.00776	<0.0012	<0.013 J	<0.0014	0.013 J	<0.0082	<0.0011	<0.0027
Tank No. 16	TK-16-O	Oily sludge	<0.00008	<0.00852	<0.00776	<0.0012	<0.0012	0.037 J	0.037 J	<0.0082	<0.0011	<0.0027
Tank No. 17	TK-17-S	Rust solids	<0.0004	<0.00852	<0.00776	<0.0012	<0.0012	<0.0014	<0.003	<0.0082	<0.0011	<0.0027
Tank No. 18	TK-18-O	Light Organic Phase	<0.01431	<8.52	216	<0.012	<0.1764	<0.2134	<0.444	<8.2	<0.1577	<0.0027
Tank No. 19	TK-19-O	Oily sludge	<0.00008	<4.26	<3.88	<0.0012	0.0046 J	<0.0014	0.00486 J	<4.1	<0.0011	<0.0027
Tank No. 21	TK-21-A	Oily water	<0.00008	<8.52	2100	<0.0012	<0.0012	<0.0014	<0.003	224	<0.0011	<0.0027
Tank No. 22	TK-22-O	Oily sludge	<0.00008	<0.00852	<0.00776	<0.0012	<0.0012	0.00364 J	0.00364 J	<0.0082	<0.0011	<0.0027
Tank No. 23	TK-23-O (mg/kg)	Appears to be diesel	NA	<3.31	<2.83	<0.049	NA	NA	NA	<2.28	<8.44	NA
North Containment Area	Dike North	Water	NA	<0.000324	0.095	0.0028 B	<0.000327	<0.000295	NA	0.045	<0.00108	<0.0027
South Containment Area	Dike South	Water	NA	<0.000162	0.03	0.0031 B	<0.000327	<0.000295	NA	0.00304 J	<0.000538	<0.00027
Hazardous Criteria			0.03	100	6	5	200	200	200	0.5	7.5	10

Table 1
Gulfco Former AST Tank Farm
Tank Sample - RCI/Toxicity Data

Tank No.	Sample ID.	Physical Description	1,1-Dichloroethene	2,4-Dinitrotoluene	Endrin	Heptachlor	Heptachlor Epoxide	Hexachlorobenzene	Hexachlorobutadiene	Hexachloroethane	Lead
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Tank No. 2	TK-2-O TK-2-O TK-2-S	Aqueous Phase Organic Phase Solids- sand, debris, etc.	<0.205 <0.023 <0.458	<0.579 <0.0036 <0.0036	NA <0.00007 <0.00007	NA <0.00004 <0.00004	NA <0.00005 <0.0005	<0.32 <0.0015 <0.0015	<0.45 <0.0017 <0.0017	<1.05 <0.0016 <0.0016	<0.0013 0.043 B 0.0084 B
Tank No. 4	TK-4-A	Oily Water	<0.000205	<0.00464	<0.0000832	<0.0000439	0.00065	<0.00256	<0.00045	<0.00842	0.28
Tank No. 6	TK-6-S	Rust Solids	<0.00916	<0.0036	<0.00007	<0.00004	<0.00005	<0.0015	<0.0017	<0.0016	0.0028 B
Tank No. 13	TK-13-O	Oily sludge	<0.229	<0.0036	<0.00007	<0.00004	0.00057	<0.0015	<0.0017	<0.0016	0.0035 B
Tank No. 14	None	Empty (2 in. of rust solids)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tank No. 15	TK-15-O	Oily sludge	<0.00916	<0.0036	<0.00007	<0.00004	<0.00005	<0.0015	<0.0017	<0.0016	<0.0013
Tank No. 16	TK-16-O	Oily sludge	<0.00916	<0.0036	<0.00007	<0.00004	<0.00005	<0.0015	<0.0017	<0.0016	<0.0013
Tank No. 17	TK-17-S	Rust solids	<0.00916	<0.0036	<0.00033	<0.00019	<0.00024	<0.0015	<0.0017	<0.0016	0.022 B
Tank No. 18	TK-18-O	Light Organic Phase	<9.16	<0.5339	<0.01182	0.029 J	<0.00862	<0.2179	<0.248	<0.2358	<0.013
Tank No. 19	TK-19-0	Oily sludge	<4.58	<0.0036	<0.00007	<0.00004	<0.00005	<0.0015	<0.0017	<0.0016	0.0056 B
Tank No. 21	TK-21-A	Oily water	<9.16	<0.0036	<0.00007	<0.00004	<0.00005	<0.0015	<0.0017	<0.0016	<0.0013
Tank No. 22	TK-22-O	Oily sludge	<0.00916	<0.0036	<0.00007	<0.00004	<0.00005	<0.0015	<0.0017	<0.0016	<0.0013
Tank No. 23	TK-23-O (mg/kg)	Appears to be diesel	<3.19	NA	NA	NA	NA	NA	<24.9	NA	<0.097
North Containment Area	Dike North	Water	<0.000411	<0.000464	<0.00000832	<0.00000439	<0.00000732	<0.000256	<0.0009	<0.000842	<0.0013
South Containment Area	Dike South	Water	<0.000205	<0.000464	<0.00000832	<0.00000439	0.0000329	<0.000256	<0.00045	<0.000842	0.0044 B
Hazardous Criteria			0.7	0.13	0.02	0.008	0,008	0.13	0.5	3	5

Table 1 Gulfco Former AST Tank Farm Tank Sample - RCI/Toxicity Data

Tank No.	Sample ID.	Physical Description	Lindane	Mercury	Methoxychlor	MEK	Nitrobenzene	Pentachlorophenol	Pyridine	Selenium	Silver
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Tank No. 2	TK-2-O TK-2-O TK-2-S	Aqueous Phase Organic Phase Solids- sand, debris, etc.	<0.00003 <0.00003 <0.00003	0.00004 0.00037 0.00014 B	NA <0.00032 <0.00032	13.4 9.77 30	<0.452 <0.0008 <0.0008	<1.33 <0.0037 <0.0037	<0.437 <0.0182 <0.0182	0.03 B <0.0046 <0.0046	<0.0006 <0.0006 <0.0006
Tank No. 4	TK-4-A	Oily Water	0.00035	0.00017 B	0.0018 J	0.011	<0.00362	<0.011	<0.00349	<0.0046	<0.0006
Tank No. 6	TK-6-S	Rust Solids	<0.00003	0.00013 B	<0.00032	<0.017	<0.0008	<0.0037	<0.0182	0.014 B	<0.0006
Tank No. 13	TK-13-O	Oily sludge	<0.00003	0.00012 B	<0.00032	<0.429	<0.0008	<0.0037	<0.0182	0.006 B	<0.0006
Tank No. 14	None	Empty (2 in. of rust solids)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tank No. 15	TK-15-O	Oily sludge	<0.00003	0.00039	<0.00032	0.085 J	<0.0008	<0.0037	<0.0182	0.0095 B	<0.0006
Tank No. 16	TK-16-O	Oily sludge	<0.00003	0.00011 B	<0.00032	0.367	<0.0008	<0.0037	<0.0182	0.013 B	<0.0006
Tank No. 17	TK-17-S	Rust solids	0.0185	0.00015 B	<0.00162	<0.017	<0.0008	<0.0037	<0.0182	<0.0046	<0.0006
Tank No. 18	TK-18-O	Light Organic Phase	<0.00556	<0.0048	<0.05816	<17.2	<0.1262	<0.5607	<2.74	0.88 B	<0.006
Tank No. 19	TK-19-O	Oily sludge	<0.00003	0.00008 B	<0.00032	<8.58	<0.0008	<0.0037	<0.0182	0.0064 B	<0.0006
Tank No. 21	TK-21-A	Oily water	<0.00003	0.00012 B	<0.00032	<17.2	<0.0008	<0.0037	<0.0182	<0.0046	<0.0006
Tank No. 22	TK-22-O	Oily sludge	<0.00003	0.00013 B	<0.00032	0.874	<0.0008	<0.0037	<0.0182	0.0067 B	<0.0006
Tank No. 23	TK-23-O (mg/kg)	Appears to be diesel	NA	0.011	NA	<6.25	NA	NA	NA	1.6B	<0.047
North Containment Area	Dike North	Water	<0.00000255	<0.00004	<0.00000214	<0.00217	<0.000362	<0.00106	<0.000349	0.0049 B	<0.0006
South Containment Area	Dike South	Water	<0.00000255	<0.00004	<0.00000214	<0.00109	<0.000362	<0.00106	<0.000349	<0.0046	<0.0006
Hazardous Criteria		1	0.4	0.2	10	200	2	100	5	1	5

Table 1
Gulfco Former AST Tank Farm
Tank Sample - RCI/Toxicity Data

Tank No.	Sample ID.	Physical Description	Tetrachloroethylene	Toxaphene	Trichloroethylene	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4,5-TP (Silvex)	Vinyl Chloride
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Tank No. 2	TK-2-O TK-2-O TK-2-S	Aqueous Phase Organic Phase Solids- sand, debris, etc.	<0.768 <0.023 55.7	NA <0.00025 <0.00025	0.851 J 1.52 205	<0.508 <0.001 <0.001	<0.525 <0.0021 <0.0021	NA <0.0016 <0.0016	<0.383 0.247 J <0.01
Tank No. 4	TK-4-A	Oily Water	<0.000768	<0.00275	0.00102 J	<0.00406	<0.00042	<0.00013	<0.000383
Tank No. 6	TK-6-S	Rust Solids	<0.00908	<0.00025	0.027 J	<0.001	<0.0021	<0.0016	<0.00356
Tank No. 13	TK-13-O	Oily sludge	47.7	<0.00025	2.98 J	<0.001	<0.0021	<0.0016	0.988 J
Tank No. 14	None	Empty (2 in. of rust solids)	NA	NA	NA	NA	NA	NA	NA
Tank No. 15	TK-15-0	Oily sludge	<0.00908	<0.00025	<0.011	<0.001	<0.0021	<0.0016	<0.00356
Tank No. 16	TK-16-O	Oily sludge	<0.00908	<0.00025	<0.011	<0.001	<0.0021	<0.0016	<0.00356
Tank No. 17	TK-17-S	Rust solids	<0.00908	<0.00125	<0.011	<0.001	<0.0021	<0.0016	<0.00356
Tank No. 18	TK-18-O	Light Organic Phase	<9.08	<0.045	<10.8	<0.1552	<0.3149	<0.0016	<3.56
Tank No. 19	TK-19-O	Oily sludge	<4.54	<0.00025	<5.4	<0.001	<0.0021	<0.0016	<1.78
Tank No. 21	TK-21-A	Oily water	<9.08	<0.00025	<10.8	<0.001	<0.0021	<0.0016	<3.56
Tank No. 22	TK-22-0	Oily sludge	<0.00908	<0.00025	<0.011	<0.001	<0.0021	<0.0016	<0.00356
Tank No. 23	TK-23-O (mg/kg)	Appears to be diesel	<3.85	NA	<3.55	NA	NA	NA	<7.03
North Containment Area	Dike North	Water	0.00627 J	<0.000275	0.018	<0.000406	<0.00042	<0.00013	<0.000765
South Containment Area	Dike South	Water	<0.000768	<0.000275	<0.000702	<0.000406	<0.00042	<0.00013	<0.000383
Hazardous Criteria	1	1	0.7	0.5	0.5	400	2	1	0.2

Table 1
Gulfco Former AST Tank Farm
Tank Sample - RCI/Toxicity Data

	Ĩ		
Tank No.	Sample ID.	Physical Description	Comments
Tank 140.	Gample 15.	1 Trysical Description	Odminents
Tank No. 2	TK-2-O	Aqueous Phase	Total Data
	TK-2-O	Organic Phase	TCLP Data
	TK-2-S	Solids- sand, debris, etc.	TCLP Data
Tank No. 4	TK-4-A	Oily Water	Total Data
Tank No. 6	TK-6-S	Rust Solids	TCLP Data
Tank No. 13	TK-13-O	Oily sludge	TCLP Data
Tank No. 14	None	Empty (2 in. of rust solids)	
Tank No. 15	TK-15-O	Oily sludge	TCLP Data
Tank No. 16	TK-16-O	Oily sludge	TCLP Data
Tank No. 17	TK-17-S	Rust solids	TCLP Data
Tank No. 18	TK-18-O	Light Organic Phase	TCLP Data
Tank No. 19	TK-19-O	Oily sludge	TCLP Data
Tank No. 21	TK-21-A	Oily water	TCLP Data
Tank No. 22	TK-22-O	Oily sludge	TCLP Data
Tank No. 23	TK-23-O (mg/kg)	Appears to be diesel	Total Data (mg/kg)
North Containment Area	Dike North	Water	Total Data
South Containment Area	Dike South	Water	Total Data
Hazardous Criteria			
nazardous Criteria			

TABLE 1. COMPARISON CRITERIA FOR AST TANK FARM CONTAINMENT AREA SOIL EXCAVATION

Chemicals of Interest	EPA Region 6 Soil Screening Criteria ⁽²⁾	TotSoil _{Comb} (3)	Comparison Criteria ⁽⁴⁾
VOCs			
1,1,1,2-Tetrachloroethane	7.6E+00	7.3E+01 ⁽⁵⁾	7.6E+00
1,1,1-Trichloroethane	1.4E+03	5.4E+04 ⁽⁵⁾	1.4E+03
1,1,2,2-Tetrachloroethane	9.7E-01	7.3E+00	9.7E-01
1.1.2-Trichloroethane	2.1E+00	1.9E+01	2.1E+00
		4,3E+03 ⁽⁵⁾	
1,1-Dichloroethane	2.3E+03		2.3E+03
1,1-Dichloroethene	4.7E+02	3.5E+03 ⁽⁵⁾	4.7E+02
1,1-Dichloropropene		6.1E+01	6.1E+01
1,2,3-Trichloropropane	3.4E-03	4.1E+00	3.4E-03
1,2,4-Trichlorobenzene	2.6E+02	4.2E+03 ⁽⁵⁾	2.6E+02
1,2,4-Trimethylbenzene	1.9E+02	1.1E+02 ⁽⁵⁾	1.9E+02
1,2-Dibromo-3-chloropropane	2.2E+00	1.4E-01 ⁽⁵⁾	2.2E+00
.2-Dibromoethane	7.0E-02	7.9E-01 ⁽⁵⁾	7.0E-02
1.2-Dichlorobenzene	3.7E+02	5.7E+02	3.7E+02
2-Dichloroethane	8.4E-01	1.1E+01	8.4E-01
,2-Dichloropropane	8.5E-01	4.4E+01	8.5E-01
1,3,5-Trimethylbenzene	7.8E+01	8.3E+01	7.8E+01
.3-Dichlorobenzene	1.5E+02	8.8E+01	8.8E+01
,3-Dichloropropane		6.1E+01	6.1E+01
4-Dichlorobenzene	8.1E+00	1.2E+03	8.1E+00
2,2-Dichloropropane		4.4E+01	4.4E+01
2-Butanone	3.4E+04	7.3E+04	3.4E+04
2-Chloroethylvinyl ether		3.3E+00	3.3E+00
2-Chlorotoluene	5.1E+02	2.5E+03	5.1E+02
2-Hexanone	-	7.9E+01	7.9E+01
I-Chlorotoluene		3.5E+00	3.5E+00
1-Isopropyltoluene		4.7E+03	4.7E+03
I-Methyl-2-pentanone	1.7E+04	2.8E+04	1.7E+04
Acetone	1.0E+05	8.1E+03	8.1E+03
Acrolein	3.8E-01	8.1E-01	3.8E-01
Acrylonitrile	5.5E-01	4.2E+00	5.5E-01
Benzene	1.6E+00	1.11E+02 ⁽⁵⁾	1.6E+00
Bromobenzene	1.2E+02	1.2E+02 ⁽⁵⁾	1.2E+02
Bromodichloromethane	2.6E+00	4.6E+02	2.6E+00
Bromoform	2.4E+02	6.0E+02	2.4E+02
Bromomethane	1.5E+01	5.3E+01	1.5E+01
Butanol	6.8E+04	3.1E+03	3.1E+03
Carbon disulfide	7.2E+02	7.2E+03	7.2E+02
Carbon tetrachloride	5.8E-01	1.9E+01	5.8E-01
Chlorobenzene	6.0E+02	5.4E+02 ⁽⁵⁾	6.0E+02
Chloroethane	7.2E+00	8.7E+04	7.2E+00
Chloroform	5.8E-01	1.3E+01	5.8E-01
Chloromethane	3.0E+00	1.6E+02	3.0E+00
ris-1,2-Dichloroethene	1.6E+02	4.7E+03	1.6E+02
is-1,3-Dichloropropene		4,3E+01	4.3E+01
Cyclohexane	6.8E+03	4.2E+04	6.8E+03
Dibromochloromethane	2.6E+00	3.4E+02	2.6E+00
Dibromomethane	5.9E+02	1.9E+02	1.9E+02
Dichlorodifluoromethane	3.4E+02	4.3E+04	3.4E+02
Ethylbenzene	2.3E+02	1.0E+04	2.3E+02
Hexachlorobutadiene	2.5E+01	2.3E+01	2.3E+01
Isopropylbenzene (Cumene)	5.8E+02	6.3E+03	5.8E+02

Chemicals of Interest	EPA Region 6 Soil Screening Criteria ⁽²⁾	TotSoil _{Comb} (3)	Comparison Criteria ⁽⁴⁾
Methyl acetate	1.0E+05	6.6E+03	6.6E+03
Methyl iodide		1.2E+02	1.2E+02
Methylcyclohexane	1.4E+02	3.3E+04	1.4E+02
Methylene chloride	2.2E+01	5.6E+02	2.2E+01
Vaphthalene	2.1E+02	1.9E+02	1.9E+02
-Butylbenzene	2.4E+02	4.0E+03	2.4E+02
-Propylbenzene	2.4E+02	4.1E+03	2.4E+02
o-Xylene	2.8E+02	8.0E+03 ⁽⁵⁾	2.8E+02
ec-Butylbenzene	2.2E+02	3.7E+03	2.2E+02
Styrene	1.7E+03	7.8E+03 ⁽⁵⁾	1.7E+03
ert-Butyl methyl ether (MTBE)	4.1E+01	1.1E+03	4.1E+01
ert-Butylbenzene	3.9E+02	3.2E+03	3.9E+02
	The state of the s	3.3E+02 ⁽⁵⁾	1 935,000,000
Tetrachloroethene	1.7E+00		1.7E+00
Coluene	5.2E+02	2.9E+04 ⁽⁵⁾	5.2E+02
rans-1,2-Dichloroethene	2.4E+02	6.42E+02 ⁽⁵⁾	2,4E+02
rans-1,3-Dichloropropene		6.1E+01	6.1E+01
rans-1,4-Dichloro-2-butene		2.9E-01	2.9E-01
Trichloroethene	1.0E-01	1.1E+02 ⁽⁵⁾	1.0E-01
Frichlorofluoromethane	1.4E+03	2.8E+04	1.4E+03
Trichlorotrifluoroethane	5.6E+03	3.3E+05	5.6E+03
Vinyl acetate	1.6E+03	2.2E+03	1.6E+03
Vinyl chloride	4.3E-01	1.3E+01 ⁽⁵⁾	4.3E-01
Kylene (total)	2.1E+02	6.5E+03 ⁽⁵⁾	2.1E+02
SVOCs	2.16102	0.515105	2.15+02
	2.45.00	1.5E+02 ⁽⁵⁾	2 (5:00
,2Diphenylhydrazine/Azobenzen	2.4E+00 6.8E+04	1.3E+04	2.4E+00 1.2E+04
2,4,5-Trichlorophenol			
2,4,6-Trichlorophenol	1.7E+02	6.81E+02 ⁽⁵⁾	1.7E+02
2,4-Dichlorophenol	2.1E+03	1.7E+03	1.7E+03
2,4-Dimethylphenol	1.4E+04	2.9E+03	2.9E+03
2,4-Dinitrophenol	1.4E+03	1.4E+03	1.4E+03
2,4-Dinitrotoluene	1.4E+03	2.1E+01	2.1E+01
,6-Dinitrotoluene	6.8E+02	2.8E+01	2.8E+01
-Chloronaphthalene	2.6E+04	5.0E+04	2.6E+04
2-Chlorophenol	2.6E+02	2.4E+03	2.6E+02
-Methylnaphthalene		2.5E+03	2.5E+03
-Nitroaniline	2.0E+03	2.9E+01 ⁽⁵⁾	2.0E+03
-Nitrophenol		4.1E+02	4.1E+02
,3'-Dichlorobenzidine	4.3E+00	4.2E+01	4.3E+00
-Nitroaniline	***	1.6E+02	1.6E+02
,6-Dinitro-2-methylphenol		2.26E+01(5)	0.0E+00
-Bromophenyl phenyl ether		1.1E+00	1.1E+00
-Chloro-3-methylphenol		3.0E+03	3.0E+03
-Chloroaniline	2.7E+03	9.5E+01 ⁽⁵⁾	2.7E+03
-Chlorophenyl phenyl ether		8.0E-01	8.0E-01
-Nitroaniline		6.6E+02 ⁽⁵⁾	0.0E+00
-Nitrophenol	5.5E+03	1.1E+02	1.1E+02
Acenaphthene	3,3E+04	3.7E+04	3.3E+04
Acenaphthylene	3.35104	3.7E+04	3.7E+04
Acetophenone	1.7E+03	3.3E+03	1.7E+03
Aniline	3.4E+02	9.3E+01	9.3E+01
Anthracene	1.0E+05	1.9E+05	1.0E+05
Atrazine (Aatrex)	8.6E+00	8.6E+01	8.6E+00

Chemicals of Interest	EPA Region 6 Soil Screening Criteria ⁽²⁾	TotSoilComb (3)	Comparison Criteria ⁽⁴⁾
Benzidine	8.3E-03	3.3E-02	8.3E-03
Benzo(a)anthracene	2.3E+00	2.4E+01	2.3E+00
Benzo(a)pyrene	2.3E-01	2.4E+00	2.3E-01
Benzo(b)fluoranthene	2.3E+00	2.4E+01	2.3E+00
Benzo(g,h,i)perylene		1.9E+04	1.9E+04
Benzo(k)fluoranthene	2.3E+01	2.4E+02	2.3E+01
Benzoic acid	1.0E+05	5.0E+02	5.0E+02
Benzyl alcohol	1.0E+05	6.2E+03	6.2E+03
Biphenyl	2.6E+04	1.9E+02	1.9E+02
Bis(2-Chloroethoxy)methane		6.2E+00	6.2E+00
Bis(2-Chloroethyl)ether	6.2E-01	2.8E+00	6.2E-01
Bis(2-Chloroisopropyl)ether		1.1E+02	1.1E+02
Bis(2-Ethylhexyl)phthalate	1.4E+02	5.6E+02	1.4E+02
Butyl benzyl phthalate	2.4E+02	1.0E+04 ⁽⁵⁾	2.4E+02
Caprolactam	1.0E+05	2.3E+02	2.3E+02
Carbazole	9.6E+01	9.5E+02	9.6E+01
Chrysene	2.3E+02	2.4E+03	2,3E+02
Dibenz(a,h)anthracene	2.3E-01	2,4E+00	2.3E-01
Dibenzofuran	1.7E+03	2.7E+03	1.7E+03
Diethyl phthalate	1.0E+05	2.0E+03	2.0E+03
Dimethyl phthalate	1.0E+05	9.3E+02	9.3E+02
Di-n-butyl phthalate	6.8E+04	1.6E+04	1.6E+04
Di-n-octyl phthalate	2.7E+04	1.3E+04 ⁽⁵⁾	2.7E+04
Fluoranthene	2.4E+04	2.5E+04	2.4E+04
Fluorene	2.6E+04	2.5E+04	2.5E+04
Hexachlorobenzene	1.2E+00	6.9E+00	1.2E+00
Hexachlorocyclopentadiene	4.1E+03	1.0E+01	1.0E+01
Hexachloroethane	1.4E+02	5,2E+02	1.4E+02
ndeno(1,2,3-cd)pyrene	2.3E+00	2.4E+01	2.3E+00
sophorone	2.0E+03	1.9E+03	1.9E+03
Nitrobenzene	1.1E+02	5.7E+01 ⁽⁵⁾	1.1E+02
n-Nitrosodimethylamine	3.8E-02	1.3E-01	3.8E-02
n-Nitrosodi-n-propylamine	2.7E-01	1.4E+00	2.7E-01
n-Nitrosodiphenylamine	3.9E+02	1.9E+03	3.9E+02
o-Cresol	3.4E+04	1.9E+03	1.9E+03
Pentachlorophenol	1.0E+01	1.1E+02	1.0E+01
Phenanthrene		1.9E+04	1.9E+04
Phenol	1.0E+05	2.4E+03	2.4E+03
Pyrene	3.2E+04	1.9E+04	1.9E+04
Pyridine	6.8E+02	1.4E+02	1,4E+02

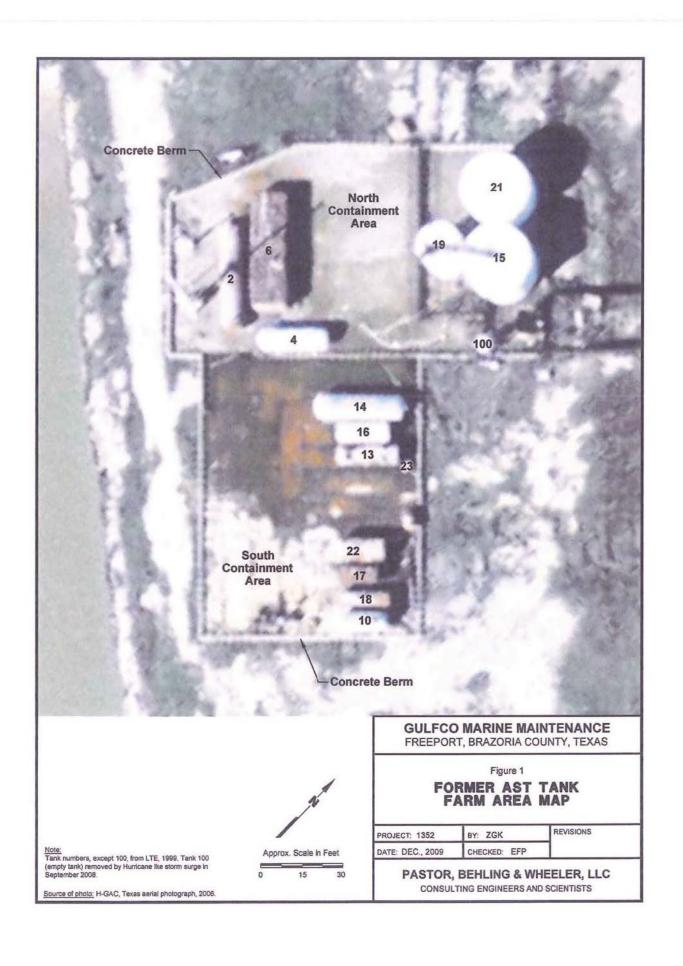
- Notes:

 1. All values in mg/kg.

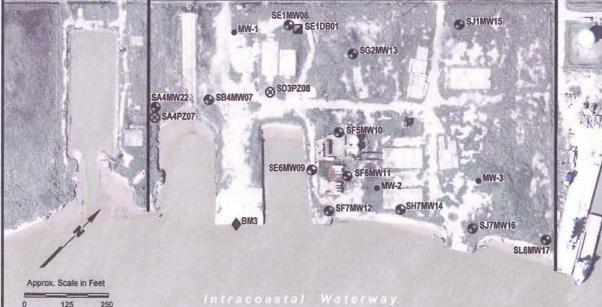
 2. From EPA's "Region 6 Human Health Medium-Specific Screening Levels 2004-2005". Industrial Outdoor Worker.

 Total DCT = TCFO Protective Concentration Level for 30 acre source area Commercial/Industrial total soil comb 3. Tol Soil Comb PCL = TCEQ Protective Concentration Level for 30 acre source area Commercial/Industrial total soil combined pathway
- 4. The lower value of the EPA Region 6 Soil Screening Criteria and the Tot Soil Comb value.

 5. Updated from Table 15 of RI/FS Workplan to reflect changes in toxicity data from 2005 to 2009 indicated in TCEQ PCL tables.







EXPLANATION

- Gulfco Marine Maintenance Site Boundary (approximate)
- Monitoring Well Location Zone A
- Staff Gauge
- Previous Monitoring Well Location
- Monitoring Well Location Zone B
- Soil Boring Location Zone B
- Monitoring Well Location Zone C
- CPT Piezometer Location Zone C
- ☑ Deep Soil Boring Location

GULFCO MARINE MAINTENANCE FREEPORT, BRAZORIA COUNTY, TEXAS

Figure 3

MONITORING WELL LOCATIONS

PROJECT: 1352	BY: ZGK	REVISIONS
DATE: MAY 2000	CHECKED EED	

PASTOR, BEHLING & WHEELER, LLC
CONSULTING ENGINEERS AND SCIENTISTS

Source of photo: H-GAC, Texas aerial photograph, 2006.

Sample Location	Sample Date	Chemical of Interest	Concentration (mg/L)	Extent Evaluation Compariso Value ⁽¹⁾ (mg/L)
		Chromium	0.14J	0.1
ND4D701	9/2/2006	Endosulfan II	0.000021J	0.000009
NB4PZ01	8/3/2006	Nickel	0.14J	0.013
		Silver	0.0088J	0.00019
NC3PZ02	8/2/2006	Chromium	0.16	0.1
NC3PZ02	8/2/2006	Silver	0.017J	0.00019
		Benzene	0.657	0.11
ND1PZ03	9/1 2/2004	Endosulfan II	0.0000103J	0.000009
NDIPZ03	8/1-2/2006	Silver	0.0099J	0.00019
		Vinyl chloride	1.22	0.2
		1,1,1-Trichloroethane	15.4	1.6
	1 1	1,1-Dichloroethene	23.5	0.7
		1,2,3-Trichloropropane	25.5J-	0.029
		1,2-Dichloroethane	58.8	0.5
8/3/2006	1,2-Dichloropropane	3.45J	0.5	
		4,4'-DDE	0.00027	0.00014
	1 1	Benzene	5.39J	0.11
	8/3/2006	Chromium	0.15J	0.1
		cis-1,2-Dichloroethene	13.4	7
	1 1	Dieldrin	0.0000264J	0.000002
	1 1	gamma-BHC (Lindane)	0.00016J	0.000016
	1 1	Methylene chloride	300	0.5
	1 1	Silver	0.012J	0.00019
	1 1	Tetrachloroethene	20.5	0.5
ND2MW01		Trichloroethene	84	0.5
		1,1-Dichloroethene	2.92	0.7
	1 1	1,2-Dichloroethene(Total)	19.2	0.68
	11/8/2007	Benzene	0.518J	0.11
		cis-1,2-Dichloroethene	19.2	7
		Vinyl chloride	0.331J	0.2
		1,1-Dichloroethene	2.35	0.7
		1,2,3-Trichloropropane	0.374J	0.029
		1,2-Dichloroethane	1.25	0.5
	C/10/2000	1,2-Dichloroethene(Total)	12.5	0.68
	6/18/2008	Benzene	0.375J	0.11
		cis-1,2-Dichloroethene	12.5	7
		Methylene chloride	2.88	0.5
		Vinyl chloride	0,978J	0.2

Cample I acetic	Sample	Chemical of Interest	Concentration (mail)	Extent Evaluation Compariso Value ⁽¹⁾ (mg/L)
Sample Location	Date	Chemical of Interest	Concentration (mg/L)	
		1,1,1-Trichloroethane	2.25	1.6
		1,2,3-Trichloropropane	0.497J-	0.029
		Anthracene	0.000832J	0.00018
	8/3/2006	Chromium	0.15J	0.1
	8/3/2000	gamma-BHC (Lindane)	0.00019J	0.000016
		Silver	0.0063J	0.00019
		Tetrachloroethene	1.92	0.5
		Trichloroethene	6.04	0.5
		1,1,1-Trichloroethane	14	1.6
		1,2,3-Trichloropropane	1.57	0.029
		1,2-Dichloroethene(Total)	9.37	0.68
ND3MW02	11/8/2007	Benzene	0.158J	0.11
		cis-1,2-Dichloroethene	9.37	7
		Tetrachloroethene	2.1	0.5
		Trichloroethene	17.7	0.5
		1,1,1-Trichloroethane	42	1.6
		1,1-Dichloroethene	0.975J	0.7
		1,2,3-Trichloropropane	3.86J	0.029
		1,2-Dichloroethene(Total)	13.6	0.68
	6/18/2008	cis-1,2-Dichloroethene	13.6	7
		Tetrachloroethene	34.8	0.5
		Toluene	0.691J	0.48
		Trichloroethene	76	0.48
		1.1.1-Trichloroethane	156	1.6
		1,2,3-Trichloropropane	44.3J	0.029
		1,2,3-Trichloropropane	328	0.029
	6/5/2007			0.000009
	6/3/2007	Endosulfan II	0.00012J	
		gamma-BHC (Lindane)	0.00153	0.000016
		Methylene chloride	1230	0.5
		Trichloroethene	61.2J	0.5
		1,1,1-Trichloroethane	195	1.6
		1,1-Dichloroethene	22J	0.7
	11/8/2007	1,2,3-Trichloropropane	53.1J	0.029
	3.31.31.37.7.2.1	1,2-Dichloroethane	292	0.5
ND3MW29		Methylene chloride	1100	0.5
		Trichloroethene	69.4J	0.5
		1,1,1-Trichloroethane	234	1.6
		1,1-Dichloroethene	21.3J	0.7
		1,2,3-Trichloropropane	44.4J	0.029
		1,2-Dichloroethane	347	0.5
	6/18/2008	1,2-Dichloroethene(Total)	24.5J	0.68
	0/16/2006	Benzene	5.92J	0.11
		cis-1,2-Dichloroethene	24.5J	7
		Methylene chloride	1100	0.5
		Tetrachloroethene	12.9J	0.5
		Trichloroethene	135	0.5

Sample Location	Sample Date	Chemical of Interest	Concentration (mg/L)	Extent Evaluation Compariso Value ⁽¹⁾ (mg/L)
ND3PZ04	7/31/2006	1,1,1-Trichloroethane	62.7	1.6
		1,1-Dichloroethene	29.2	0.7
		1,2,3-Trichloropropane	28.2	0.029
		1,2-Dichloropropane	3.36J	0.5
		Benzene	8.24J	0.11
		Carbon tetrachloride	7.58J	0.5
		cis-1,2-Dichloroethene	124	7
		Heptachlor epoxide	0.000025	0.0000036
		Silver	0.005J	0.00019
		Tetrachloroethene	7.86J	0.5
		Toluene	4.05J	0.48
		Trichloroethene	31.7	0.5
		Vinyl chloride	5.09J	0.2
ND4MW03	8/2/2006	Silver	0.013	0.00019
NE1MW04	8/3/2006	Chromium	0.11J	0.1
		Endosulfan II	0.0000138J	0.000009
		Silver	0.014J	0.00019
NE3MW05	8/2/2006	Anthracene	0.00138J	0.00018
		Ethylbenzene	0.74	0.25
		Naphthalene	0.322	0.13
		Phenanthrene	0.00638	0.0046
		Pyrene	0.000517J	0.00024
		Silver	0.001J	0.00019
	11/7/2007	Ethylbenzene	0.273	0.25
		Naphthalene	0.243	0.13
NF1PZ05	8/3/2006	Chromium	0.13J	0.11
		Endosulfan II	0.0000148J	0.000009
		Silver	0.0085J	0.00019
NF2MW06	8/3/2006	1,2,3-Trichloropropane	0.214	0.029
		Endosulfan sulfate	0.0000156J	0.000009
		Methylene chloride	0.944	0.5
		Silver	0.0032J	0.00019
		Trichloroethene	0.506	0.5
(1001250-00030-00	8/1/2006	Nickel	0.084	0.013
NF3PZ06		Silver	0.011J	0.00019
SA4PZ07	8/3/2006	Chromium	0.14J	0.1
		Endosulfan II	0.0000309J	0.000009
		Nickel	0.022J	0.013
		Silver	0.016J	0.00019
SB4MW07	8/1/2006	Silver	0.03J	0.00019

Sample Location	Sample Date	Chemical of Interest	Concentration (mg/L)	Extent Evaluation Comparison Value ⁽¹⁾ (mg/L)
SD3PZ08	7/31/2006	Chromium	0.15	0.1
		Silver	0.012J	0.00019
SE1MW08	8/2/2006	Silver	0.011	0.00019
SE6MW09	7/31/2006	Silver	0.0024J	0.00019
SF5MW10	8/1/2006	gamma-BHC (Lindane)	0.000024J	0.000016
	6/4/2007	gamma-BHC (Lindane)	0.000042J	0.000016
SF6MW11	7/31/2006	Silver	0.0099J	0.00019
SF7MW12	7/31/2006	Silver	0.0044J	0.00019
SG2MW13	8/1/2006	Silver	0.015J	0.00019
SH7MW14	7/31/2006	Silver	0.0028J	0.00019
SJ1MW15	8/2/2006	Endosulfan sulfate	0.000104	0.000009
		Heptachlor epoxide	0.0000201J	0.0000036
		Silver	0.0088	0.00019
SJ7MW16	7/31/2006	Silver	0.0048J	0.00019
SL8MW17	8/3/2006	Silver	0.028J	0.00019

Notes:

- (1) Extent Evaluation Comparison Values from Table 23.
- (2) Data qualifiers: J = estimated value. J- = estimated value, biased low.

APPENDIX H LABORATORY ANALYTICAL AND VALIDATION REPORTS

ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

7979 GSRI Avenue Baton Rouge, LA 70820

Report Date 01/03/2011

GCAL Report 210123108

Deliver To Pastor, Behling, Wheeler 2201 Double Creek Drive Round Rock, TX 78664 512-671-3434

Attn Eric Pastor

Project Gulfco Marine Maintenance Site

CASE NARRATIVE

Client: Pastor, Behling, & Wheeler Report: 210123108

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

VOLATILES MASS SPECTROMETRY

In the SW-846 8260B analysis, samples 21012310802 (N. CONTAINMENT(NW)) and 21012310803 (N. CONTAINMENT(NE)) had to be diluted to bracket the concentration of target compounds within the calibration range of the instrument. The dilutions are reflected in elevated detection limits.

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND Indicates the result was Not Detected at the specified RDL Indicates the result was Diluted Out Indicates the result was subject to Matrix Interference Indicates the result was Too Numerous To Count SUBC Indicates the analysis was Sub-Contracted Indicates the analysis was performed in the Field PQL Practical Quantitation Limit

MDL Method Detection Limit

RDL Reporting Detection Limit

00:00 Reported as a time equivalent to 12:00 AM

Reporting Flags Utilized in this Report

- J Indicates an estimated value
- U Indicates the compound was analyzed for but not detected
- B (ORGANICS) Indicates the analyte was detected in the associated Method Blank
- **B** (INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the NELAC standard and terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

Estimated uncertainty of measurement is available upon request. This report is in compliance with the DOD QSM as specified in the contract if applicable.

Robyn Migues Technical Director GCAL REPORT 210123108	
THIS REPORT CONTAINS	PAGES.

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time	
21012310801	S. CONTAINMENT	Water	12/30/2010 13:25	12/31/2010 08:50	
21012310802	N. CONTAINMENT(NW)	Water	12/30/2010 13:45	12/31/2010 08:50	
21012310803	N. CONTAINMENT(NE)	Water	12/30/2010 14:05	12/31/2010 08:50	
21012310804	TRIP BLANK	Water	12/30/2010 14:10	12/31/2010 08:50	

Summary of Compounds Detected

GCAL ID 21012310801	Client ID S. CONTAINMENT	Matrix Water	Collect Date/Time 12/30/2010 13:25			
SW-846 82		Vidio	12/00/2010 10:20	127	0 1/20 10 00:00	
CAS#	Parameter		Result	RDL	MDL	Units
71-43-2	Benzene		5.66	5	0.054	ug/L
67-66-3	Chloroform		1.54J	5	0.057	ug/L
127-18-4	Tetrachloroethene		10.7	5	0.121	ug/L
79-01-6	Trichloroethene		11.1	5	0.062	ug/L
GCAL ID	Client ID	Matrix	Collect Date/Time	Red	ceive Date/Time	
21012310802	N. CONTAINMENT(NW)	Water	12/30/2010 13:45	12/	31/2010 08:50	
SW-846 82	60B					
CAS#	Parameter		Result	RDL	MDL	Units
107-06-2	1,2-Dichloroethane		7290	250	4.30	ug/L
71-43-2	Benzene		2000	250	2.71	ug/L
67-66-3	Chloroform		5290	250	2.83	ug/L
127-18-4	Tetrachloroethene		252	250	6.05	ug/L
79-01-6	Trichloroethene		1930	250	3.09	ug/L
GCAL ID	Client ID	Matrix	Collect Date/Time	Red	ceive Date/Time	
21012310803	N. CONTAINMENT(NE)	Water	12/30/2010 14:05	12/	31/2010 08:50	
SW-846 82	60B					
CAS#	Parameter		Result	RDL	MDL	Units
107-06-2	1,2-Dichloroethane		580	500	8.60	ug/L
71-43-2	Benzene		137J	500	5.42	ug/L
67-66-3	Chloroform		8660	500	5.65	ug/L
127-18-4	Tetrachloroethene		225J	500	12.1	ug/L
121-10-4	. o domoroctriche		2200	000	14.1	ug/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21012310801	S. CONTAINMENT	Water	12/30/2010 13:25	12/31/2010 08:50

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 12/31/2010 19:18	•	nalytical Batc 48261	h
CAS#	Parameter		Result	RDL		MDL	Units
107-06-2	1,2-Dichloroethane		5U	5		0.086	ug/L
71-43-2	Benzene		5.66	5		0.054	ug/L
67-66-3	Chloroform		1.54J	5		0.057	ug/L
127-18-4	Tetrachloroethene		10.7	5		0.121	ug/L
79-01-6	Trichloroethene		11.1	5		0.062	ug/L
75-01-4	Vinyl chloride		5U	5		0.093	ug/L
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recove	ery Re	ec Limits
460-00-4	4-Bromofluorobenzene	50	50.8	ug/L	1	02	78 - 130
1868-53-7	Dibromofluoromethane	50	51.2	ug/L	1	02	77 - 127
2037-26-5	Toluene d8	50	51.2	ug/L	1	02	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	51.9	ug/L	1	04	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21012310802	N. CONTAINMENT(NW)	Water	12/30/2010 13:45	12/31/2010 08:50

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	Ву	Analytical B	Batch
			50	12/31/2010 19:39	RJU	448261	
CAS#	Parameter		Result	RDL		MDL	Units
107-06-2	1,2-Dichloroethane		7290	250		4.30	ug/L
71-43-2	Benzene		2000	250		2.71	ug/L
67-66-3	Chloroform		5290	250		2.83	ug/L
127-18-4	Tetrachloroethene		252	250		6.05	ug/L
79-01-6	Trichloroethene		1930	250		3.09	ug/L
75-01-4	Vinyl chloride		250U	250		4.65	ug/L
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Reco	very	Rec Limits
460-00-4	4-Bromofluorobenzene	2500	2590	ug/L		104	78 - 130
1868-53-7	Dibromofluoromethane	2500	2450	ug/L		98	77 - 127
2037-26-5	Toluene d8	2500	2630	ug/L		105	76 - 134
17060-07-0	1,2-Dichloroethane-d4	2500	2520	ug/L		101	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21012310803	N. CONTAINMENT(NE)	Water	12/30/2010 14:05	12/31/2010 08:50

Prep Date	Prep Batch	Prep Method	Dilution 100	Analyzed 12/31/2010 20:00	By RJU	Analytical E	Batch
CAS#	Parameter		Result	RDL	1100	MDL	Units
107-06-2	1,2-Dichloroethane		580	500		8.60	ug/L
71-43-2	Benzene		137J	500		5.42	ug/L
67-66-3	Chloroform		8660	500		5.65	ug/L
127-18-4	Tetrachloroethene		225J	500		12.1	ug/L
79-01-6	Trichloroethene		500U	500		6.18	ug/L
75-01-4	Vinyl chloride		500U	500		9.30	ug/L
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Reco	very	Rec Limits
460-00-4	4-Bromofluorobenzene	5000	5120	ug/L		102	78 - 130
1868-53-7	Dibromofluoromethane	5000	5250	ug/L		105	77 - 127
2037-26-5	Toluene d8	5000	5180	ug/L		104	76 - 134
17060-07-0	1.2-Dichloroethane-d4	5000	5150	ug/L		103	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21012310804	TRIP BLANK	Water	12/30/2010 14:10	12/31/2010 08:50

Prep Date	Prep Batch	Prep Method	Dilution 1	Analyzed 12/31/2010 18:58	By Analyti RJU 448261	cal Batch
CAS#	Parameter		Result	RDL	MDL	Units
107-06-2	1,2-Dichloroethane		5U	5	0.086	ug/L
71-43-2	Benzene		5U	5	0.054	ug/L
67-66-3	Chloroform		5U	5	0.057	ug/L
127-18-4	Tetrachloroethene		5U	5	0.121	ug/L
79-01-6	Trichloroethene		5U	5	0.062	ug/L
75-01-4	Vinyl chloride		5U	5	0.093	ug/L
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	47.9	ug/L	96	78 - 130
1868-53-7	Dibromofluoromethane	50	49.1	ug/L	98	77 - 127
2037-26-5	Toluene d8	50	52.7	ug/L	105	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	50.3	ug/L	101	71 - 127

GC/MS Volatiles Quality Control Summary

Analytical Ba	atch 448261	Client ID	MB448261			LCS448261			LCSD448261			
Prep Ba	atch N/A	GCAL ID	909344			909345			909346			
		Sample Type	Method Blank			LCS			LCSD			
		Analytical Date	12/31/2010 17:55			12/31/2010 16:44			12/31/2010 17:05			
		Matrix	Water			Water			Water			
	C/M 0.46 0.26	OD.	Units	ug/L	Spike	D14		Control	D 14			RPD
	SW-846 826	OUD	Result	RDL	Added	Result	% R	Limits % R	Result	% R	RPD	Limit
67-66-3	Chloroform		5U	5	50.0	46.2	92	75 - 122	45.7	91	1	30
107-06-2	1,2-Dichloroeth	ane	5U	5	50.0	45.1	90	71 - 129	44.8	90	0.7	30
127-18-4	Tetrachloroethe	ene	5U	5	50.0	49.6	99	68 - 128	49.4	99	0.4	30
75-01-4	Vinyl chloride		5U	5	50.0	49.1	98	68 - 132	48.9	98	0.4	30
75-35-4	1,1-Dichloroeth	ene	5U	5	50.0	49.0	98	69 - 129	48.3	97	1	20
71-43-2	Benzene		5U	5	50.0	48.5	97	70 - 129	48.2	96	0.6	20
79-01-6	Trichloroethene)	5U	5	50.0	47.3	95	76 - 129	47.7	95	0.8	20
108-88-3	Toluene		5U	5	50.0	47.5	95	72 - 120	48.2	96	1	20
108-90-7	Chlorobenzene		5U	5	50.0	47.9	96	74 - 123	47.7	95	0.4	20
Surrogate												
460-00-4	4-Bromofluorob	enzene	47.8	96	50	49.7	99	78 - 130	49.4	99		
1868-53-7	Dibromofluoron	nethane	48.7	97	50	49.3	99	77 - 127	49.3	99		
2037-26-5	Toluene d8		52.5	105	50	49.6	99	76 - 134	50.1	100		
17060-07-0	1,2-Dichloroeth	ane-d4	49.1	98	50	48.9	98	71 - 127	48.9	98		

CHAIN OF CUSTODY RECORD

Lab use only PASTOR, BEHLING, & WHEELER 4482 210123168 7979 GSRI Avenue, Baton Rouge, Louisiana 70820-7402 Phone 225.769.4900 • Fax 225.767.5717 Client Name Client # Workorder # Report to: Bill to: Lab use only: Analytical Requests & Method Client: Paster Behling & Wheeler **Custody Seal** 5 to 4009 used _ yes Ппо Round Rock, TX 78664 contact: Eric Pastor Temperature °C Phone: (512) 671-3434 Fax: (512) 671-3446 Phone: Fax: P.O. Number Project Name/Number GULFCO /1597B 1597B PINK: CLIENT Sampled By: Lab ID No Con-Time Matrix1 Date Sample Description Preservatives (2400)Remarks: CANARY: LABORATORY HCL HCL 3 Nove X 1410 WHITE: CLIENT FINAL REPORT 24-48 hrs. Turn Around Time: 3 days ☐ 1 week ☐ Standard Other Received by: (Signature) Date: Relinquished by: (Signature) Time: Note: tekent Relinquished by: (Signature) Received by: (Signature) Time: 12/31/16

Received by: (Signature)

Relinquished by: (Signature)

By submitting these samples, you agree to the terms and conditions contained in our most recent schedule of services.



ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.
7979 GSRI Avenue
Baton Rouge, LA 70820

Report Date 01/18/2011

GCAL Report 211011405



Deliver To Pastor, Behling, Wheeler 2201 Double Creek Drive Round Rock, TX 78664 512-671-3434

Attn Eric Pastor

Project GULFCO AST Removal

CASE NARRATIVE

Client: Pastor, Behling, Wheeler Report: 211011405

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

VOLATILES MASS SPECTROMETRY

In the SW-846 8260B analysis, samples 21101140501 (T-15-F), 21101140502 (T-15-F MS), 21101140503 (T-15-F MSD), 21101140504 (T-21-F), 21101140505 (NC-0-0.3), 21101140506 (T-2-WEST), 21101140507 (T-6-FLOOR), 21101140508 (T-6-EAST), 21101140509 (T-6-SOUTH), 21101140510 (T-6-NORTH), 21101140511 (BLIND DUP), 21101140512 (SC-W), and 21101140513 (SC-E) had to be diluted to bracket the concentration of target compounds within the calibration range of the instrument. The dilutions are reflected in elevated detection limits.

In the SW-846 8260B analysis for analytical batch 449013, the MS/MSD exhibited recovery and RPD failures. All LCS/LCSD recoveries and RPDs are acceptable.

SEMI-VOLATILES MASS SPECTROMETRY

In the SW-846 8270C analysis, sample 21101140504 (T-21-F) had to be diluted to bracket the concentration of a target compound within the calibration range of the instrument. The recoveries for the surrogates are reported as D, diluted out for the diluted run performed on this sample.

In the SW-846 8270C analysis of prep batch 448916, the MS/MSD and LCS/LCSD recoveries are below the lower control limit for Benzaldehyde.. The LCS/LCSD RPD is above the control limit for Aniline. These are poor performing compounds so no corrective action was taken.

In the SW-846 8270C analysis for prep batch 448924, the LCS/LCSD exhibited recoveries above the established control limits for Aniline and Benzaldehyde. These are poor performing compounds that were not detected in the associated samples.

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

Common Abbreviations Utilized in this Report

ND	Indicates t	he result was	Not Detected a	at the specified RDL

DO Indicates the result was Diluted Out

MI Indicates the result was subject to Matrix Interference
Indicates the result was Too Numerous To Count
SUBC Indicates the analysis was Sub-Contracted

FLD Indicates the analysis was performed in the Field

PQL Practical Quantitation Limit
MDL Method Detection Limit
RDL Reporting Detection Limit

00:00 Reported as a time equivalent to 12:00 AM

Reporting Flags Utilized in this Report

J Indicates an estimated value

U Indicates the compound was analyzed for but not detected

B (ORGANICS) Indicates the analyte was detected in the associated Method Blank

B (INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the NELAC standard and terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

Estimated uncertainty of measurement is available upon request. This report is in compliance with the DOD QSM as specified in the contract if applicable.

Robyn Migues / Technical Director

GCAL REPORT 211011405

THIS REPORT CONTAINS 277 PAGES.

Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21101140501	T-15-F	Solid	01/13/2011 14:00	01/14/2011 09:15
21101140502	T-15-F MS	Solid	01/13/2011 14:00	01/14/2011 09:15
21101140503	T-15-F MSD	Solid	01/13/2011 14:00	01/14/2011 09:15
21101140504	T-21-F	Solid	01/13/2011 14:45	01/14/2011 09:15
21101140505	NC-0-0.3	Solid	01/13/2011 14:55	01/14/2011 09:15
21101140506	T-2-WEST	Solid	01/13/2011 15:05	01/14/2011 09:15
21101140507	T-6-FLOOR	Solid	01/13/2011 15:35	01/14/2011 09:15
21101140508	T-6-EAST	Solid	01/13/2011 15:55	01/14/2011 09:15
21101140509	T-6-SOUTH	Solid	01/13/2011 16:15	01/14/2011 09:15
21101140510	T-6-NORTH	Solid	01/13/2011 16:25	01/14/2011 09:15
21101140511	BLIND DUP	Solid	01/13/2011 00:00	01/14/2011 09:15
21101140512	SC-W	Solid	01/13/2011 16:45	01/14/2011 09:15
21101140513	SC-E	Solid	01/13/2011 16:55	01/14/2011 09:15
21101140514	EQUIPMENT BLANK	Water	01/13/2011 17:10	01/14/2011 09:15
21101140515	TRIP BLANK 1	Water	01/13/2011 17:15	01/14/2011 09:15
21101140516	TRIP BLANK 2	Water	01/13/2011 17:20	01/14/2011 09:15

SAMPLE NO.

T-15-F

Lab Name: GC	CAL Contra	ct:				
Lab Code: LA0	024 Case No.:					405
Matrix: (soil/wate	er) Solid					
Sample wt/vol:	6.18 (g/ml) g		Lab Sample ID:	2110114050)1	
_evel: (low/med)				10116/a8965		
% Moisture: not	dec. 16.2		Date Collected:			
	TX-VMS-30 ID: .25	(mm	Date Received:	NAME OF THE PARTY		
nstrument ID:	1101/111			2500 (1000 1000 100 100 100 100 100 100 10	Time: 11	18
A CONTRACTOR OF THE PARTY OF TH			Dilution Factor:			RJU
	me:		Dilution Factor.	30		
Soil Aliquot Volu	me:	(µL	Prep Batch:		Analytical	Batch: 449013
CONCENTRA	TION UNITS: mg/kg		Analytical Metho	d: SW-846	3260	
CAS NO.	COMPOUND		RESULT	Q	MDL	RL
630-20-6	1,1,1,2-Tetrachloroethane		0.241	Τυ	0.00507	0.241
71-55-6	1,1,1-Trichloroethane		0.241	U	0.011	0.241
79-34-5	1,1,2,2-Tetrachloroethane		0.241	U	0.013	0.241
79-00-5	1,1,2-Trichloroethane		0.241	U	0.011	0.241
75-34-3	1,1-Dichloroethane		0.241	U	0.016	0.241
75-35-4	1,1-Dichloroethene		0.241	U	0.032	0.241
563-58-6	1,1-Dichloropropene		0.241	U	0.010	0.241
96-18-4	1,2,3-Trichloropropane		0.097	U	0.017	0.097
120-82-1	1,2,4-Trichlorobenzene		0.241	U	0.015	0.241
95-63-6	1,2,4-Trimethylbenzene		0.241	U	0.014	0.241
96-12-8	1,2-Dibromo-3-chloropropane		0.241	U	0.039	0.241
106-93-4	1,2-Dibromoethane		0.241	U	0.012	0.241
95-50-1	1,2-Dichlorobenzene		0.241	U	0.016	0.241
107-06-2	1,2-Dichloroethane		0.241	U	0.00633	0.241
78-87-5	1,2-Dichloropropane		0.241	U	0.00522	0.241
108-67-8	1,3,5-Trimethylbenzene		0.241	U	0.012	0.241
541-73-1	1,3-Dichlorobenzene		0.241	U	0.015	0.241
142-28-9	1,3-Dichloropropane		0.241	U	0.00865	0.241
106-46-7	1,4-Dichlorobenzene		0.241	U	0.020	0.241
594-20-7	2,2-Dichloropropane		0.241	U	0.056	0.241
78-93-3	2-Butanone		0.241	U	0.029	0.241
110-75-8	2-Chloroethylvinyl ether		0.241	U	0.011	0.241
95-49-8	2-Chlorotoluene		0.241	U	0.013	0.241
591-78-6	2-Hexanone		0.241	U	0.016	0.241
106-43-4	4-Chlorotoluene		0.241	U	0.015	0.241
99-87-6	4-Isopropyltoluene		0.241	U	0.013	0.241
108-10-1	4-Methyl-2-pentanone		0.241	U	0.016	0.241
67-64-1	Acetone		1.21	U	0.051	1.21
107-02-8	Acrolein		1.21	U	0.097	1.21
107-13-1	Acrylonitrile		1.21	U	0.052	1.21
71-43-2	Benzene		0.241	U	0.00662	0.241

SAMPLE NO.

T-15-F

Lab Name: GC	CAL Contract:				l.	
Lab Code: LA0					SDG No.: 2110	11405
Matrix: (soil/wate			-		-	
1,5	6.18 (g/ml) g		Lab Sample ID:	211011405	601	
.evel: (low/med)			Lab File ID: 21			
6 Moisture: not of	don 16.2					1400
				Alexander Control of Control	Time.	1400
GC Column: R	TX-VMS-30 ID: .25 (n	nm	Date Received:	01/14/11		
nstrument ID: 1	MSV11		Date Analyzed:	01/16/11	Time:	1118
oil Extract Volu	me: ()	μL	Dilution Factor:	50	Analyst	: RJU
			Drop Ratch:			al Patch: 440012
Soil Aliquot Volu	me: ()	μL	Prep Batch:	-	Analytic	cal Batch: _449013
CONCENTRAT	TION UNITS: mg/kg		Analytical Metho	d: SW-846	8260	
CAS NO.	COMPOUND		RESULT	Q	MDL	RL
400.00.4						
108-86-1	Bromobenzene		0.241	U	0.015	0.241
75-27-4	Bromodichloromethane		0.241	U	0.00724	0.241
75-25-2	Bromoform	_	0.241	U	0.011	0.241
74-83-9	Bromomethane		0.241		0.071	0.241
75-15-0	Carbon disulfide		0.241	U	0.022	0.241
56-23-5	Carbon tetrachloride		0.241	U	0.011	0.241
108-90-7	Chlorobenzene		0.241	U	0.00908	0.241
75-00-3	Chloroethane		0.241	U	0.032	0.241
67-66-3	Chloroform		0.638		0.012	0.241
74-87-3	Chloromethane		0.241	U	0.037	0.241
110-82-7	Cyclohexane		0.241	U	0.00850	0.241
124-48-1	Dibromochloromethane	_	0.241	U	0.00676	0.241
74-95-3	Dibromomethane		0.241	U	0.015	0.241
75-71-8	Dichlorodifluoromethane		0.241	U	0.00536	0.241
100-41-4	Ethylbenzene		0.241	U	0.00995	0.241
87-68-3	Hexachlorobutadiene		0.241	U	0.011	0.241
98-82-8	Isopropylbenzene (Cumene)		0.241	U	0.00942	0.241
79-20-9	Methyl Acetate		0.241		0.017	0.241
74-88-4	Methyl iodide		0.241	U	0.063	0.241
108-87-2	Methylcyclohexane		0.241	U	0.00792	0.241
75-09-2	Methylene chloride		0.483	Ü	0.017	0.483
91-20-3	Naphthalene		0.241	U	0.040	
100-42-5	Styrene		0.241	U	0.013	0.241
127-18-4	Tetrachloroethene		0.241	U	0.010	0.241
108-88-3	Toluene		0.241			
79-01-6	Trichloroethene Trichlorofluoromethane		0.112	J	0.011	0.241
75-69-4 76-13-1		-	0.241	U	0.00647	0.241
108-05-4	Trichlorotrifluoroethane Vinyl acetate		0.241	U	0.056	0.241
75-01-4	Vinyl acetate Vinyl chloride		0.241	U	0.00652	0.241
	Second Control of the			U	0.00652	0.241
1330-20-7	Xylene (total)		0.483			0.483
156-59-2	cis-1,2-Dichloroethene		0.198	J	0.00831	0.241

SAMPLE NO.

T-15-F

	Co	ntract:				
ab Code: LA0	24 Case No.:		SAS No.:	SI	DG No.: 211	011405
Matrix: (soil/wate	r) Solid					
Sample wt/vol:	6.18 (g/ml) g		Lab Sample ID:	21101140501		
evel: (low/med)	LOW		Lab File ID: 21	10116/a8965		
6 Moisture: not o	dec. 16.2		Date Collected:	01/13/11	Time:	1400
C Column: RT	TX-VMS-30 ID: .25	(mm	Date Received:	01/14/11		
nstrument ID: N	MSV11		Date Analyzed:	01/16/11	Time:	1118
oil Extract Volum	me:	(µL	Dilution Factor:	50	Analys	t: RJU
		/ 11	Prep Batch:		Analyti	cal Batch: 449013
Soil Aliquot Volui	me.	(hr	Fieb patch.			- 110010
	me:	— (рс	Analytical Metho	d: SW-846 82	- A	- 110010
	TION UNITS: mg/kg COMPOUND	(pc	And a part of the first of the first of		- A	RL.
CONCENTRAT	TION UNITS: mg/kg	(рг	Analytical Metho		260	
CAS NO.	COMPOUND	(με	Analytical Metho	Q	MDL	RL
CONCENTRAT	COMPOUND cis-1,3-Dichloropropene	(µL	Analytical Metho	Q	MDL 0.00700	<i>RL</i> 0.241
CONCENTRAT CAS NO. 10061-01-5 136777-61-	COMPOUND cis-1,3-Dichloropropene m,p-Xylene	(με	RESULT 0.241 0.241	Q U U	MDL 0.00700 0.024	RL 0.241 0.241
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol	(με	RESULT 0.241 0.241 1.21	Q U U	MDL 0.00700 0.024 0.884	RL 0.241 0.241 1.21
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene	(με	RESULT 0.241 0.241 1.21 0.241	Q U U U U U U U U	MDL 0.00700 0.024 0.884 0.017	RL 0.241 0.241 1.21 0.241
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene	(µг	RESULT 0.241 0.241 1.21 0.241 0.241 0.241 0.241	Q U U U U U U U U	MDL 0.00700 0.024 0.884 0.017 0.013	RL 0.241 0.241 1.21 0.241 0.241 0.241
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene		RESULT 0.241 0.241 1.21 0.241 0.241 0.241 0.241 0.241	Q U U U U U U U U U U U U U U U U U U U	MDL 0.00700 0.024 0.884 0.017 0.013 0.00913	RL 0.241 0.241 1.21 0.241 0.241 0.241 0.241
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6 135-98-8	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene sec-Butylbenzene		Analytical Metho RESULT 0.241 0.241 1.21 0.241 0.241 0.241 0.241 0.241	Q U U U U U U U U U U U U U U U U U U U	MDL 0.00700 0.024 0.884 0.017 0.013 0.00913 0.012	RL 0.241 0.241 1.21 0.241 0.241 0.241 0.241 0.241
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6 135-98-8 1634-04-4	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene sec-Butylbenzene tert-Butyl methyl ether (MTBE		Analytical Metho RESULT 0.241 0.241 1.21 0.241 0.241 0.241 0.241 0.241 0.241	Q U U U U U U U U U U U U U U U U U U U	MDL 0.00700 0.024 0.884 0.017 0.013 0.00913 0.012 0.00807	RL 0.241 0.241 1.21 0.241 0.241 0.241 0.241 0.241 0.241
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6 135-98-8 1634-04-4 98-06-6	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene sec-Butylbenzene tert-Butyl methyl ether (MTBE		Analytical Metho RESULT 0.241 0.241 1.21 0.241 0.241 0.241 0.241 0.241 0.241 0.241	Q U U U U U U U U U U U U U U U U U U U	MDL 0.00700 0.024 0.884 0.017 0.013 0.00913 0.012 0.00807 0.011	RL 0.241 0.241 1.21 0.241 0.241 0.241 0.241 0.241 0.241 0.241

SAMPLE NO.

T-15-F MS

Lab Name: GC	CAL Contrac	zt:				
ab Code: LAC	024 Case No.:		SAS No.:	8	SDG No.: 211011	1405
Matrix: (soil/wate	er) Solid					
Sample wt/vol:	4.91 (g/ml) g		Lab Sample ID:	2110114050	2	
_evel: (low/med)			Lab File ID: 21	10116/a8972		
% Moisture: not	dec. 16.2		Date Collected:	01/13/11	Time: 14	100
		(mm	Date Received:			
nstrument ID:					Time: 14	101
÷	ime:	/ nl			Analyst:	and the same of th
				2-00-20-00-00-00-00-00-00-00-00-00-00-00		
Soil Aliquot Volu	me:	(µL	Prep Batch:	-	Analytical	Batch: 449013
CONCENTRA	TION UNITS: mg/kg		Analytical Metho	od: SW-846 8	260	
CAS NO.	COMPOUND		RESULT	Q	MDL	RL
630-20-6	1,1,1,2-Tetrachloroethane		2.97		0.00638	0.304
71-55-6	1,1,1-Trichloroethane		2.93		0.014	0.304
79-34-5	1,1,2,2-Tetrachloroethane		2.77		0.017	0.304
79-00-5	1,1,2-Trichloroethane		2.71		0.014	0.304
75-34-3	1,1-Dichloroethane		2.97		0.020	0.304
75-35-4	1,1-Dichloroethene		2.94		0.041	0.304
563-58-6	1,1-Dichloropropene		2.95		0.013	0.304
96-18-4	1,2,3-Trichloropropane		2.58		0.021	0.122
120-82-1	1,2,4-Trichlorobenzene		2.71		0.019	0.304
95-63-6	1,2,4-Trimethylbenzene		3.01		0.018	0.304
96-12-8	1,2-Dibromo-3-chloropropane		2.53	1 1	0.049	0.304
106-93-4	1,2-Dibromoethane		2.75		0.015	0.304
95-50-1	1,2-Dichlorobenzene		2.96		0.020	0.304
107-06-2	1,2-Dichloroethane		2.85	1.	0.00796	0.304
78-87-5	1,2-Dichloropropane		3.00		0.00657	0.304
108-67-8	1,3,5-Trimethylbenzene		3.01		0.015	0.304
541-73-1	1,3-Dichlorobenzene		2.98		0.019	0.304
142-28-9	1,3-Dichloropropane		2.79		0.011	0.304
106-46-7	1,4-Dichlorobenzene		3.00	1	0.025	0.304
594-20-7	2,2-Dichloropropane		2.91	1 1	0.071	0.304
78-93-3	2-Butanone		2.73		0.037	0.304
110-75-8	2-Chloroethylvinyl ether		2.18		0.014	0.304
95-49-8	2-Chlorotoluene		3.01		0.016	0.304
591-78-6	2-Hexanone		2.71		0.021	0.304
106-43-4	4-Chlorotoluene		3.03		0.019	0.304
99-87-6	4-Isopropyltoluene		2.95		0.016	0.304
108-10-1	4-Methyl-2-pentanone		2.57		0.021	0.304
67-64-1	Acetone		2.84		0.064	1.52
107-02-8	Acrolein		1.05	J	0.122	1.52
107-13-1	Acrylonitrile		13.0		0.065	1.52
71-43-2	Benzene		3.10		0.00833	0.304

SAMPLE NO.

T-15-F MS

Lab Name: GC	CAL Contract:				
Lab Code: LAC	024 Case No.:			lo.: 211011405	5
Matrix: (soil/wate	er) Solid				
Sample wt/vol:	4.91 (g/ml) g	Lab Sample ID:	21101140502		
Level: (low/med)		Lab File ID: 21	10116/a8972		
% Moisture: not	dec. 16.2	Date Collected:	01/13/11	Time: 1400	
	TX-VMS-30 ID: .25 (m				
Instrument ID:			01/16/11	Time: 1401	
-					
Soil Extract Volu	ıme: (µ	IL Dilution Factor:	50	Analyst: RJI)
Soil Aliquot Volu	ime: (µ	IL Prep Batch:		Analytical Bat	ch: 449013
CONCENTRA	TION UNITS: mg/kg	Analytical Metho	od: SW-846 8260		
CAS NO.	COMPOUND	RESULT	Q	MDL	RL
108-86-1 75-27-4	Bromobenzene Bromodichloromethane	3.02	1 ,	0.018	0.304
75-25-2	Bromoform	2.77	+ + -	0.014	0.304
74-83-9	Bromomethane	2.78		0.014	0.304
75-15-0	Carbon disulfide	2.94		0.028	0.304
56-23-5	Carbon tetrachloride	2.90		0.020	0.304
108-90-7	Chlorobenzene	3.01		0.011	0.304
75-00-3	Chloroethane	2.64	1	0.040	0.304
67-66-3	Chloroform	2.96	+	0.015	0.304
74-87-3	Chloromethane	2.63	1	0.046	0.304
110-82-7	Cyclohexane	3.00	1	0.011	0.304
124-48-1	Dibromochloromethane	2.84	1 0	0.00851	0.304
74-95-3	Dibromomethane	2.81	 	0.019	0.304
75-71-8	Dichlorodifluoromethane	2.75		0.00675	0.304
100-41-4	Ethylbenzene	2.94	+ + +	0.013	0.304
87-68-3	Hexachlorobutadiene	2.76	1	0.014	0.304
98-82-8	Isopropylbenzene (Cumene)	2.91		0.012	0.304
79-20-9	Methyl Acetate	2.76		0.021	0.304
74-88-4	Methyl iodide	3.14		0.080	0.304
108-87-2	Methylcyclohexane	2.88	(0.00997	0.304
75-09-2	Methylene chloride	2.85		0.021	0.608
91-20-3	Naphthalene	2.42		0.050	0.304
100-42-5	Styrene	3.08		0.016	0.304
127-18-4	Tetrachloroethene	2.89		0.013	0.304
108-88-3	Toluene	3.02		0.012	0.304
79-01-6	Trichloroethene	2.96		0.014	0.304
75-69-4	Trichlorofluoromethane	2.96	(0.00815	0.304
76-13-1	Trichlorotrifluoroethane	2.90		0.070	0.304
108-05-4	Vinyl acetate	2.13		0.013	0.304
75-01-4	Vinyl chloride	2.76		0.00821	0.304
1330-20-7	Xylene (total)	8.97		0.042	0.608
156-59-2	cis-1,2-Dichloroethene	2.96		0.010	0.304

SAMPLE NO.

T-15-F MS

Lab Name: GC	CAL Co	ontract:					
ab Code: LA0	24 Case No.:		SAS No.:		SDG No.:	2110	011405
fatrix: (soil/wate	r) Solid						
ample wt/vol:	4.91 (g/ml) g		Lab Sample ID:	211011405	602		
evel: (low/med)	LOW		Lab File ID: 21	10116/a8972	?		
6 Moisture: not o	dec. 16.2		Date Collected:	01/13/11	1	Γime:	1400
C Column: RT	TX-VMS-30 ID: .25	(mm	Date Received:	01/14/11			
nstrument ID: _M	MSV11		Date Analyzed:	01/16/11		Γime:	1401
oil Extract Volum	me:	(µL	Dilution Factor:	50	/	Analys	t: RJU
oil Aliquot Volur	me:	(µL	Prep Batch:		-	Analyti	cal Batch: 449013
350	me:	(µL	Prep Batch: Analytical Metho	od: SW-846		Analyti	cal Batch: 449013
350		(µL		od: SW-846		_	cal Batch: _449013
CAS NO.	TION UNITS: mg/kg	(µL	Analytical Metho		8260 <i>ML</i>	_	
CAS NO.	TION UNITS: mg/kg	(µL	Analytical Metho		8260 ML	DL.	RL
CONCENTRAT CAS NO. 10061-01-5 136777-61-	COMPOUND cis-1,3-Dichloropropene	(µL	Analytical Metho		8260 ML 0.00	DL 0881	RL 0.304
CAS NO. 10061-01-5	COMPOUND cis-1,3-Dichloropropene m,p-Xylene	(µL	RESULT 2.96 5.97		8260 ML 0.00 0.0	DL 0881 031	RL 0.304 0.304
CONCENTRAT CAS NO. 10061-01-5 136777-61- 104-51-8	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butylbenzene	(µL	RESULT 2.96 5.97 2.95		ML 0.00 0.0 0.0	DL 0881 031 021	RL 0.304 0.304 0.304
CONCENTRAT CAS NO. 10061-01-5 136777-61- 104-51-8 103-65-1 95-47-6	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butylbenzene n-Propylbenzene	(µL	RESULT 2.96 5.97 2.95 3.01		ME 0.00 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	DL 0881 031 021 016	RL 0.304 0.304 0.304 0.304
CONCENTRAT CAS NO. 10061-01-5 136777-61- 104-51-8 103-65-1	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butylbenzene n-Propylbenzene o-Xylene		RESULT 2.96 5.97 2.95 3.01 3.00		ML 0.00 0.0 0.0 0.0 0.0 0.0	DL 0881 031 021 016	RL 0.304 0.304 0.304 0.304 0.304
CONCENTRAT CAS NO. 10061-01-5 136777-61- 104-51-8 103-65-1 95-47-6 135-98-8 1634-04-4	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butylbenzene n-Propylbenzene o-Xylene sec-Butylbenzene		Analytical Metho RESULT 2.96 5.97 2.95 3.01 3.00 2.97		8260 ML 0.00 0.0 0.0 0.0 0.0 0.0 0.0	DL 0881 031 021 016 011	RL 0.304 0.304 0.304 0.304 0.304 0.304 0.304
CONCENTRAT CAS NO. 10061-01-5 136777-61- 104-51-8 103-65-1 95-47-6 135-98-8	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butylbenzene n-Propylbenzene o-Xylene sec-Butylbenzene tert-Butyl methyl ether (MTBE		Analytical Method RESULT 2.96 5.97 2.95 3.01 3.00 2.97 2.77		8260 ME 0.00 0.0 0.0 0.0 0.0 0.0 0.0 0	0881 031 021 016 011 015	RL 0.304 0.304 0.304 0.304 0.304 0.304 0.304 0.304
CONCENTRAT CAS NO. 10061-01-5 136777-61- 104-51-8 103-65-1 95-47-6 135-98-8 1634-04-4 98-06-6	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butylbenzene n-Propylbenzene o-Xylene sec-Butylbenzene tert-Butyl methyl ether (MTBE		Analytical Metho RESULT 2.96 5.97 2.95 3.01 3.00 2.97 2.77 2.97		8260 ML 0.00 0.0 0.0 0.0 0.0 0.0 0.0 0	DL 0881 031 021 016 011 015 010	RL 0.304 0.304 0.304 0.304 0.304 0.304 0.304 0.304 0.304

SAMPLE NO.

T-15-F MSD

20022000 200	CAL Contra				A STANDARD CHARGOS DEC	
ab Code: LA0	024 Case No.:		SAS No.:		SDG No.: 211011	405
Matrix: (soil/wate	er) Solid					
Sample wt/vol:	6.03 (g/ml) g		Lab Sample ID:	211011405	03	
evel: (low/med)				10116/a8973	į.	
	- Landston					100
	dec. 16.2				Tanie. 1	100
GC Column: R	TX-VMS-30 ID: .25	(mm	Date Received:	01/14/11		
nstrument ID: _I	MSV11		Date Analyzed:	01/16/11	Time: 14	125
Soil Extract Volu	me:	(µL	Dilution Factor:	50	Analyst:	RJU
	me:		Prep Batch:		Analytical	
on raiquot void		(pc	Programme Continues to Department of the	A Very Company of the Company	NOW COLUMN	Daton: Troom
CONCENTRAT	TION UNITS: mg/kg		Analytical Metho	d: SW-846	8260	
CAS NO.	COMPOUND		RESULT	Q	MDL	RL
CAS NO.	COMPOUND		KESOLI	Q	MDL	NL.
630-20-6	1,1,1,2-Tetrachloroethane		2.38		0.00520	0.247
71-55-6	1,1,1-Trichloroethane		2.30		0.011	0.247
79-34-5	1,1,2,2-Tetrachloroethane		2.36		0.014	0.247
79-00-5	1,1,2-Trichloroethane		2.27		0.012	0.247
75-34-3	1,1-Dichloroethane		2.34		0.016	0.247
75-35-4	1,1-Dichloroethene		2.28		0.033	0.247
563-58-6	1,1-Dichloropropene		2.30		0.010	0.247
96-18-4	1,2,3-Trichloropropane		2.21		0.017	0.099
120-82-1	1,2,4-Trichlorobenzene		2.30		0.015	0.247
95-63-6	1,2,4-Trimethylbenzene		2.34		0.015	0.247
96-12-8	1,2-Dibromo-3-chloropropane		2.30		0.040	0.247
106-93-4	1,2-Dibromoethane		2.28		0.012	0.247
95-50-1	1,2-Dichlorobenzene		2.39		0.016	0.247
107-06-2	1,2-Dichloroethane		2.33		0.00648	0.247
78-87-5	1,2-Dichloropropane		2.34		0.00535	0.247
108-67-8	1,3,5-Trimethylbenzene		2.34		0.012	0.247
541-73-1	1,3-Dichlorobenzene		2.35		0.016	0.247
142-28-9	1,3-Dichloropropane		2.30		0.00886	0.247
106-46-7	1,4-Dichlorobenzene		2.36		0.020	0.247
594-20-7	2,2-Dichloropropane		2.24		0.057	0.247
78-93-3	2-Butanone		2.54		0.030	0.247
110-75-8	2-Chloroethylvinyl ether		1.91		0.012	0.247
95-49-8	2-Chlorotoluene		2.36		0.013	0.247
591-78-6	2-Hexanone		2.55		0.017	0.247
106-43-4	4-Chlorotoluene		2.35		0.015	0.247
99-87-6	4-Isopropyltoluene		2.32		0.013	0.247
108-10-1	4-Methyl-2-pentanone		2.39		0.017	0.247
67-64-1	Acetone		2.60		0.052	1.24
107-02-8	Acrolein		2.45		0.099	1.24
107-13-1	Acrylonitrile		11.7		0.053	1.24
71-43-2	Benzene		2.36		0.00678	0.247

SAMPLE NO.

T-15-F MSD

Lab Name: GC	CAL Contract	t·				
	024 Case No.:				DG No : 211011	1405
latrix: (soil/wate					211011	100
	6.03 (g/ml) g		Lab Sample ID:	21101140503	i	
evel: (low/med)			Lab File ID: 21	10116/a8973		
Moisture: not	dec. 16.2		Date Collected:	01/13/11	Time: 14	400
	TX-VMS-30 ID: .25 (i		Date Received:			
strument ID:	MCV44				Time: 14	125
	aprillabel and the second seco					
oil Extract Volu	ıme: ((µL	Dilution Factor:	50	Analyst:	RJU
oil Aliquot Volu	ime: ((µL	Prep Batch:		Analytical	Batch: 449013
CONCENTRA	TION UNITS: mg/kg		Analytical Metho	od: SW-846 82	260	
CAS NO.	COMPOUND		RESULT	Q	MDL	RL
108-86-1	Bromobenzene		2.36	T	0.015	0.247
75-27-4	Bromodichloromethane		2.35		0.00742	0.247
75-25-2	Bromoform		2.39		0.011	0.247
74-83-9	Bromomethane		2.27		0.072	0.247
75-15-0	Carbon disulfide		2.27		0.023	0.247
56-23-5	Carbon tetrachloride		2.26		0.012	0.247
108-90-7	Chlorobenzene		2.39		0.00931	0.247
75-00-3	Chloroethane		1.72		0.033	0.247
67-66-3	Chloroform		2.38		0.012	0.247
74-87-3	Chloromethane		2.13		0.037	0.247
110-82-7	Cyclohexane		2.36		0.00871	0.247
124-48-1	Dibromochloromethane		2.30		0.00693	0.247
74-95-3	Dibromomethane		2.28		0.016	0.247
75-71-8	Dichlorodifluoromethane		2.13		0.00549	0.247
100-41-4	Ethylbenzene		2.29		0.010	0.247
87-68-3	Hexachlorobutadiene		2.30		0.012	0.247
98-82-8	Isopropylbenzene (Cumene)		2.33		0.00965	0.247
79-20-9	Methyl Acetate		2.48		0.017	0.247
74-88-4	Methyl iodide		2.58		0.065	0.247
108-87-2	Methylcyclohexane		2.26		0.00812	0.247
75-09-2	Methylene chloride		2.22		0.017	0.495
91-20-3	Naphthalene		2.28		0.041	0.247
100-42-5	Styrene		2.47		0.013	0.247
127-18-4	Tetrachloroethene		2.28		0.010	0.247
108-88-3	Toluene		2.39		0.00990	0.247
79-01-6	Trichloroethene		2.34		0.012	0.247
75-69-4	Trichlorofluoromethane		2.27		0.00663	0.247
76-13-1	Trichlorotrifluoroethane		2.27		0.057	0.247
108-05-4	Vinyl acetate		1.78		0.011	0.247
75-01-4	Vinyl chloride		2.18		0.00668	0.247
1330-20-7	Xylene (total)		7.04		0.034	0.495
156-59-2	cis-1,2-Dichloroethene		2.32		0.00851	0.247

SAMPLE NO.

T-15-F MSD

Lab Name: GCAL	Contract:				
ab Code: LA024 Case No.:		SAS No.:	SDG N	No.: 2110	11405
Matrix: (soil/water) Solid					
Sample wt/vol: 6.03 (g/ml) g		Lab Sample ID:	21101140503		
evel: (low/med) LOW		Lab File ID: 21	10116/a8973		
Moisture: not dec. 16.2		Date Collected:	01/13/11	Time:	1400
GC Column: RTX-VMS-30 ID: .25	(mm	Date Received:	01/14/11		
nstrument ID: MSV11		Date Analyzed:	01/16/11	Time:	1425
oil Extract Volume:	(µL	Dilution Factor:	50	Analyst	: RJU
soil Aliquot Volume:	(µL	Prep Batch:		Analytic	cal Batch: 449013
CONCENTRATION UNITS: mg/kg		Analytical Metho	d: SW-846 8260		
CAS NO. COMPOUND		RESULT	Q	MDL	RL
10061-01-5 cis-1,3-Dichloropropene		2.39	T T	0.00718	0.247
136777-61- m,p-Xylene		4.69		0.025	0.247
104-51-8 n-Butylbenzene		2.32		0.017	0.247
103-65-1 n-Propylbenzene		2.34		0.013	0.247
95-47-6 o-Xylene		2.35		0.00936	0.247
135-98-8 sec-Butylbenzene		2.32		0.012	0.247
1634-04-4 tert-Butyl methyl ether (MTE	BE)	2.34		0.00827	0.247
98-06-6 tert-Butylbenzene		2.32		0.012	0.247
156-60-5 trans-1,2-Dichloroethene		2.32		0.010	0.247
10061-02-6 trans-1,3-Dichloropropene		2.38		0.011	0.247
110-57-6 trans-1,4-Dichloro-2-butene	7	2.40		0.028	0.247

SAMPLE NO.

T-21-F

Lab Name: GC	AL Contra	act:				
	24 Case No.:				SDG No.: 21101	1405
Matrix: (soil/wate						
Sample wt/vol:	5.81 (g/ml) g		Lab Sample ID:	211011405	04	
evel: (low/med)			Lab File ID: 21	10116/a8977		
Moisture: not o	dec. 16.7		Date Collected:	01/13/11	Time: 1	445
						1000
- Warner December 50	TX-VMS-30 ID: .25	(min				222
nstrument ID: _M	MSV11		Date Analyzed:			603
oil Extract Volur	me:	(µL	Dilution Factor:	50	Analyst:	RJU
oil Aliquot Volur	me:	(µL	Prep Batch:		Analytica	I Batch: 449013
CONCENTRAT	TION UNITS: mg/kg		Analytical Metho	The state of the s		-
CAS NO.	COMPOUND		RESULT	Q	MDL	RL
630-20-6	1,1,1,2-Tetrachloroethane		0.258	U	0.00542	0.258
71-55-6	1,1,1-Trichloroethane		0.258	U	0.012	0.258
79-34-5	1,1,2,2-Tetrachloroethane	177	0.258	U	0.014	0.258
79-00-5	1,1,2-Trichloroethane		0.258	U	0.012	0.258
75-34-3	1,1-Dichloroethane		0.258	U	0.017	0.258
75-35-4	1,1-Dichloroethene		0.258	U	0.034	0.258
563-58-6	1,1-Dichloropropene		0.258	U	0.011	0.258
96-18-4	1,2,3-Trichloropropane		0.103	U	0.018	0.103
120-82-1	1,2,4-Trichlorobenzene		0.258	U	0.016	0.258
95-63-6	1,2,4-Trimethylbenzene		0.059	J	0.015	0.258
96-12-8	1,2-Dibromo-3-chloropropane		0.258	U	0.041	0.258
106-93-4	1,2-Dibromoethane		0.258	U	0.012	0.258
95-50-1	1,2-Dichlorobenzene		0.258	U	0.017	0.258
107-06-2	1,2-Dichloroethane		0.258	U	0.00676	0.258
78-87-5	1,2-Dichloropropane		0.258	U	0.00558	0.258
108-67-8	1,3,5-Trimethylbenzene		0.258	U	0.012	0.258
541-73-1	1,3-Dichlorobenzene		0.258	U	0.016	0.258
142-28-9	1,3-Dichloropropane		0.258	U	0.00924	0.258
106-46-7	1,4-Dichlorobenzene		0.258	U	0.021	0.258
594-20-7	2,2-Dichloropropane		0.258	U	0.060	0.258
78-93-3	2-Butanone		0.258	U	0.031	0.258
110-75-8	2-Chloroethylvinyl ether		0.258	U	0.012	0.258
95-49-8	2-Chlorotoluene		0.258	U	0.014	0.258
591-78-6	2-Hexanone		0.258	U	0.018	0.258
106-43-4	4-Chlorotoluene		0.258	U	0.016	0.258
99-87-6	4-Isopropyltoluene		0.258	U	0.014	0.258
108-10-1	4-Methyl-2-pentanone		0.258	U	0.018	0.258
67-64-1	Acetone		1.29	U	0.055	1.29
107-02-8	Acrolein		1.29	U	0.103	1.29
107-13-1	Acrylonitrile		1.29	U	0.055	1.29
71-43-2	Benzene		0.258	U	0.00707	0.258

SAMPLE NO.

T-21-F		

Lab Name: GC	CAL Contra	act:				
ab Code: LA0	24 Case No.:					405
Matrix: (soil/wate	r) Solid					
Sample wt/vol:	5.81 (g/ml) g		Lab Sample ID:	211011405	04	
evel: (low/med)			Lab File ID: 21	10116/a8977	•	
6 Moisture: not			Date Collected:	01/13/11	Time: 14	45
	TX-VMS-30 ID: .25		Date Received:			
100 100 100 100 100	WARRAN AND CO.	(man			Time: 16	102
nstrument ID: _I					Time: 16	
Soil Extract Volu	me:	(hr	Dilution Factor:	50	Analyst:	RJU
Soil Aliquot Volu	me:	(µL	Prep Batch:		Analytical	Batch: 449013
CONCENTRAT	TION UNITS: mg/kg		Analytical Metho	d: SW-846	8260	
CAS NO.	COMPOUND		RESULT	Q	MDL	RL
108-86-1	Bromobenzene		0.258	TU	0.016	0.258
75-27-4	Bromodichloromethane		0.258	U	0.00775	0.258
75-25-2	Bromoform		0.258	Ū	0.012	0.258
74-83-9	Bromomethane		0.258	U	0.075	0.258
75-15-0	Carbon disulfide		0.258	U	0.024	0.258
56-23-5	Carbon tetrachloride		0.258	U	0.012	0.258
108-90-7	Chlorobenzene		0.258	U	0.00971	0.258
75-00-3	Chloroethane		0.258	U	0.034	0.258
67-66-3	Chloroform		0.286		0.013	0.258
74-87-3	Chloromethane		0.258	U	0.039	0.258
110-82-7	Cyclohexane		0.108	J	0.00909	0.258
124-48-1	Dibromochloromethane		0.258	U	0.00723	0.258
74-95-3	Dibromomethane		0.258	U	0.016	0.258
75-71-8	Dichlorodifluoromethane		0.258	U	0.00573	0.258
100-41-4	Ethylbenzene		0.258	U	0.011	0.258
87-68-3	Hexachlorobutadiene		0.179	J	0.012	0.258
98-82-8	Isopropylbenzene (Cumene)		0.236	J	0.010	0.258
79-20-9	Methyl Acetate		0.258	U	0.018	0.258
74-88-4	Methyl iodide		0.258	U	0.068	0.258
108-87-2	Methylcyclohexane		0.258	U	0.00847	0.258
75-09-2	Methylene chloride		0.516	U	0.018	0.516
91-20-3	Naphthalene		0.101	J	0.043	0.258
100-42-5	Styrene		0.258	U	0.014	0.258
127-18-4	Tetrachloroethene		2.50		0.011	0.258
108-88-3	Toluene		0.258	U	0.010	0.258
79-01-6	Trichloroethene		0.118	J	0.012	0.258
75-69-4	Trichlorofluoromethane		0.258	U	0.00692	0.258
76-13-1	Trichlorotrifluoroethane		0.258	U	0.059	0.258
108-05-4	Vinyl acetate		0.258	U	0.011	0.258
75-01-4	Vinyl chloride		0.258	U	0.00697	0.258
1330-20-7	Xylene (total)		0.516	U	0.035	0.516
156-59-2	cis-1,2-Dichloroethene		0.250	J	0.00888	0.258

FORM I VOA

SAMPLE NO.

Lab Name: GC/	AL	Contract:			-	
ab Code: LA02	24 Case No.:		SAS No.:	SDG N	No.: 2110	011405
Matrix: (soil/water	r) Solid					
Sample wt/vol:	5.81 (g/ml) g		Lab Sample ID:	21101140504		
_evel: (low/med)	LOW		Lab File ID: 21	10116/a8977		
% Moisture: not d	dec. 16.7		Date Collected:	01/13/11	Time:	1445
GC Column: RT	TX-VMS-30 ID: .2	25 (mm	Date Received:	01/14/11		
nstrument ID: N	MSV11		Date Analyzed:	01/16/11	Time:	1603
Soil Extract Volum	ne:	(µL	Dilution Factor:	50	Analys	t: RJU
		7.01	Prep Batch:		Analyti	cal Batch: 449013
Soil Aliquot Volun	ne:	(µL	Flep Batch.		, circuit ci	our Duton. Trooto
	rion UNITS: mg/kg	(рс	CACHARDANIAN COSTANIA	d: SW-846 8260		- 110010
		(рс	CACHARDANIAN COSTANIA		MDL	RL
CONCENTRAT	TION UNITS: mg/kg		Analytical Metho	Q		<u>-</u>
CAS NO.	TION UNITS: mg/kg		Analytical Metho	Q	MDL	RL
CAS NO.	COMPOUND cis-1,3-Dichloropropene		RESULT 0.258	Q	MDL 0.00749	RL 0.258
CONCENTRAT. CAS NO. 10061-01-5 136777-61-	COMPOUND cis-1,3-Dichloropropene m,p-Xylene		RESULT 0.258 0.258	Q U U	MDL 0.00749 0.026	RL 0.258 0.258
CONCENTRAT. CAS NO. 10061-01-5 136777-61- 71-36-3	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol		RESULT 0.258 0.258 1.29	Q U U	MDL 0.00749 0.026 0.945	RL 0.258 0.258 1.29
CONCENTRAT. CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene		RESULT 0.258 0.258 1.29 0.258	Q U U U U U U U U U U U U U U U U U U U	MDL 0.00749 0.026 0.945 0.018	RL 0.258 0.258 1.29 0.258
CONCENTRAT. CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene		RESULT 0.258 0.258 1.29 0.258 0.258 0.258	Q U U U U U U U U U U U U U U U U U U U	MDL 0.00749 0.026 0.945 0.018 0.014	RL 0.258 0.258 1.29 0.258 0.258 0.258
CONCENTRATA CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene		Analytical Methol RESULT 0.258 0.258 1.29 0.258 0.258 0.258 0.258	Q U U U U U U U U U U U U U U U U U U U	MDL 0.00749 0.026 0.945 0.018 0.014 0.00976	RL 0.258 0.258 1.29 0.258 0.258 0.258
CONCENTRATA CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6 135-98-8	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene sec-Butylbenzene		Analytical Methol RESULT 0.258 0.258 1.29 0.258 0.258 0.258 0.258 0.258	Q U U U U U U U U U U U U U U U U U U U	MDL 0.00749 0.026 0.945 0.018 0.014 0.00976 0.013	RL 0.258 0.258 1.29 0.258 0.258 0.258 0.258 0.258
CONCENTRATA CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6 135-98-8 1634-04-4	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene sec-Butylbenzene tert-Butyl methyl ether (M	//TBE)	Analytical Methol RESULT 0.258 0.258 1.29 0.258 0.258 0.258 0.258 0.258 0.258	Q U U U U U U U U U U U U U U U U U U U	MDL 0.00749 0.026 0.945 0.018 0.014 0.00976 0.013 0.00862	RL 0.258 0.258 1.29 0.258 0.258 0.258 0.258 0.258 0.258
CONCENTRATA CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6 135-98-8 1634-04-4 98-06-6	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene sec-Butylbenzene tert-Butyl methyl ether (N	ATBE)	Analytical Methor RESULT 0.258 0.258 1.29 0.258 0.258 0.258 0.258 0.258 0.258 0.258 0.258	Q U U U U U U U U U U U U U U U U U U U	MDL 0.00749 0.026 0.945 0.018 0.014 0.00976 0.013 0.00862 0.012	RL 0.258 0.258 1.29 0.258 0.258 0.258 0.258 0.258 0.258 0.258

SAMPLE NO.

NC-0-0.3

l ah Name: GC	Contra	act.				
	CAL Contra				CDC No. 24404	1405
Aatrix: (soil/wate	O24 Case No.:		SAS No.:		SDG No.: 21101	1405
			Lab Sample ID:	211011405	ns.	
	4.71 (g/ml) g	-				
evel: (low/med)	1000		Lab File ID: 21	10116/a8978		
6 Moisture: not	dec. 17.1		Date Collected:	01/13/11	Time: 1	455
	TX-VMS-30 ID: .25		Date Received:	01/14/11		
nstrument ID: I	MSV44		Date Analyzed:	01/16/11	Time: 1	627
	-14.04.0000000		· · · · · · · · · · · · · · · · · · ·			veruo
oil Extract Volu	me:	(hr	Dilution Factor:	50	Analyst:	RJU
oil Aliquot Volu	me:	(µL	Prep Batch:		Analytica	Batch: 449013
CONCENTRAT	TION UNITS: mg/kg		Analytical Metho	od: SW-846	8260	
CAS NO.	COMPOUND		RESULT	Q	MDL	RL
000 00 0	Id d d O Total Constitution		2.000		0.00070	000000
630-20-6 71-55-6	1,1,1,2-Tetrachloroethane	_	0.320	U	0.00672	0.320
79-34-5	1,1,2,2-Tetrachloroethane		0.320	U	0.015	0.320
79-00-5	1,1,2-Trichloroethane		0.320	U	0.015	0.320
75-34-3	1,1-Dichloroethane		0.320	U	0.015	0.320
75-35-4	1,1-Dichloroethene		0.320	U	0.043	0.320
563-58-6	1,1-Dichloropropene		0.320	U	0.013	0.320
96-18-4	1,2,3-Trichloropropane		0.128	Ü	0.022	0.128
120-82-1	1,2,4-Trichlorobenzene		0.320	U	0.020	0.320
95-63-6	1,2,4-Trimethylbenzene		0.123	1	0.019	0.320
96-12-8	1,2-Dibromo-3-chloropropane		0.320	U	0.051	0.320
106-93-4	1,2-Dibromoethane		0.320	U	0.015	0.320
95-50-1	1,2-Dichlorobenzene		0.320	U	0.021	0.320
107-06-2	1,2-Dichloroethane		0.603	+	0.00839	0.320
78-87-5	1,2-Dichloropropane		0.320	U	0.00691	0.320
108-67-8	1,3,5-Trimethylbenzene		0.110	J	0.015	0.320
541-73-1	1,3-Dichlorobenzene		0.320	U	0.020	0.320
142-28-9	1,3-Dichloropropane		0.320	U	0.011	0.320
106-46-7	1,4-Dichlorobenzene		0.320	U	0.026	0.320
594-20-7	2,2-Dichloropropane		0.320	U	0.074	0.320
78-93-3	2-Butanone		0.320	U	0.039	0.320
110-75-8	2-Chloroethylvinyl ether		0.320	U	0.015	0.320
95-49-8	2-Chlorotoluene		0.320	U	0.017	0.320
591-78-6	2-Hexanone		0.320	U	0.022	0.320
106-43-4	4-Chlorotoluene		0.320	U	0.020	0.320
99-87-6	4-Isopropyltoluene		0.320	U	0.017	0.320
108-10-1	4-Methyl-2-pentanone		0.320	U	0.022	0.320
67-64-1	Acetone		1.60	U	0.068	1.60
107-02-8	Acrolein		1.60	U	0.128	1.60
107-13-1	Acrylonitrile		1.60	U	0.069	1.60
71-43-2	Benzene		0.217	J	0.00877	0.320

SAMPLE NO.

NC-0-0.3

Lab Name: G0	CAL Cont	ract:				
Lab Code: LA	024 Case No.:					405
Matrix: (soil/wate	er) Solid					
Sample wt/vol:	4.71 (g/ml) g		Lab Sample ID:	2110114050	05	
Level: (low/med)			Lab File ID: 21	10116/a8978		
% Moisture: not	dec. 17.1		Date Collected:	01/13/11	Time: 14	455
	TX-VMS-30 ID: .25					
nstrument ID:	TIVEDAMOSAI	- (Time: 16	327
		7.4		175-4		12-4-14-15-1
	ume:				Analyst:	
Soil Aliquot Volu	ime:	(µL	Prep Batch:		Analytical	Batch: 449013
CONCENTRA	TION UNITS: mg/kg		Analytical Metho	od: SW-846 8	3260	
CAS NO.	COMPOUND		RESULT	Q	MDL	RL
108-86-1	Bromobenzene		0.320	U	0.019	0.320
75-27-4	Bromodichloromethane		0.320	U	0.00960	0.320
75-25-2	Bromoform		0.320	U	0.015	0.320
74-83-9	Bromomethane		0.320	U	0.093	0.320
75-15-0	Carbon disulfide		0.320	U	0.030	0.320
56-23-5	Carbon tetrachloride		0.320	U	0.015	0.320
108-90-7	Chlorobenzene		0.320	U	0.012	0.320
75-00-3	Chloroethane		0.320	U	0.042	0.320
67-66-3	Chloroform		0.545		0.016	0.320
74-87-3	Chloromethane		0.320	U	0.048	0.320
110-82-7	Cyclohexane		0.183	J	0.011	0.320
124-48-1	Dibromochloromethane		0.320	U	0.00896	0.320
74-95-3	Dibromomethane		0.320	U	0.020	0.320
75-71-8	Dichlorodifluoromethane		0.320	U	0.00711	0.320
100-41-4	Ethylbenzene		0.818		0.013	0.320
87-68-3	Hexachlorobutadiene		0.320	U	0.015	0.320
98-82-8	Isopropylbenzene (Cumene)		0.942		0.012	0.320
79-20-9	Methyl Acetate		1.03		0.022	0.320
74-88-4	Methyl iodide		0.320	U	0.084	0.320
108-87-2	Methylcyclohexane		0.320	U	0.010	0.320
75-09-2	Methylene chloride		0.062	J	0.022	0.640
91-20-3	Naphthalene		0.490		0.053	0.320
100-42-5	Styrene		0.320	U	0.017	0.320
127-18-4	Tetrachloroethene		0.835		0.013	0.320
108-88-3	Toluene		0.227	J	0.013	0.320
79-01-6	Trichloroethene		1.02		0.015	0.320
75-69-4	Trichlorofluoromethane		0.320	U	0.00858	0.320
76-13-1	Trichlorotrifluoroethane		0.320	U	0.074	0.320
108-05-4	Vinyl acetate	_	0.320	U	0.014	0.320
75-01-4	Vinyl chloride		0.320	U	0.00864	0.320
1330-20-7	Xylene (total)		0.298	J	0.044	0.640
156-59-2	cis-1,2-Dichloroethene		0.320	U	0.011	0.320

SAMPLE NO.

NC-0-0.3

Lab Name: GC	AL	Contract:				
ab Code: LA0	24 Case No.:		SAS No.:		SDG No.: 2110	11405
fatrix: (soil/wate	r) Solid					
sample wt/vol:	4.71 (g/ml) g		Lab Sample ID:	2110114050	5	
evel: (low/med)	LOW		Lab File ID: 21	10116/a8978		
6 Moisture: not o	dec. 17.1		Date Collected:	01/13/11	Time:	1455
C Column: R1	TX-VMS-30 ID: .2	5 (mm	Date Received:	01/14/11		
nstrument ID: _M	MSV11		Date Analyzed:	01/16/11	Time:	1627
oil Extract Volu	me:	(µL	Dilution Factor:	50	Analyst	: RJU
oil Aliquot Volur	me:	(µL	Prep Batch:		Analytic	al Batch: 449013
Branch Control of the			MACHINE BUT INCOME NOT NOT			The contract of the Contract of the
	TION UNITS: mg/kg		Analytical Metho	d: SW-846 8	260	
	COMPOUND			d: SW-846 8	260 MDL	RL
CONCENTRAT			Analytical Metho			
CAS NO.	COMPOUND		Analytical Metho	Q	MDL	RL
CAS NO. 10061-01-5	COMPOUND cis-1,3-Dichloropropene		RESULT 0.320	Q	MDL 0.00928	RL 0.320
CONCENTRAT CAS NO. 10061-01-5 136777-61-	cis-1,3-Dichloropropene		RESULT 0.320 0.122	Q	MDL 0.00928 0.032	RL 0.320 0.320
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3	cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol		### Analytical Metho #### RESULT 0.320 0.122 1.60	Q U J U	MDL 0.00928 0.032 1.17	RL 0.320 0.320 1.60
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8	cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene		Analytical Metho **RESULT** 0.320 0.122 1.60 0.320	Q U J U	MDL 0.00928 0.032 1.17 0.022	RL 0.320 0.320 1.60 0.320
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1	cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene		Analytical Metho **RESULT** 0.320 0.122 1.60 0.320 0.320 0.320	Q U J U U	MDL 0.00928 0.032 1.17 0.022 0.017	RL 0.320 0.320 1.60 0.320 0.320 0.320
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6	cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene	ITBE)	Analytical Metho RESULT 0.320 0.122 1.60 0.320 0.320 0.320 0.176	Q U U U U U U U U U U U U U U U U U U U	MDL 0.00928 0.032 1.17 0.022 0.017 0.012	RL 0.320 0.320 1.60 0.320 0.320 0.320 0.320
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6 135-98-8	cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene sec-Butylbenzene	ITBE)	Analytical Metho RESULT 0.320 0.122 1.60 0.320 0.320 0.320 0.176 0.320	Q U U U U U U U U U U U U U U U U U U U	MDL 0.00928 0.032 1.17 0.022 0.017 0.012 0.016	RL 0.320 0.320 1.60 0.320 0.320 0.320 0.320 0.320
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6 135-98-8 1634-04-4	cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene sec-Butylbenzene tert-Butyl methyl ether (M	5.0-/e.2/11.26	Analytical Metho RESULT 0.320 0.122 1.60 0.320 0.320 0.176 0.320 0.320 0.320	Q U U U U U U U U U U U U U U U U U U U	MDL 0.00928 0.032 1.17 0.022 0.017 0.012 0.016 0.011	RL 0.320 0.320 1.60 0.320 0.320 0.320 0.320 0.320 0.320 0.320
CONCENTRATI CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6 135-98-8 1634-04-4 98-06-6	cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene sec-Butylbenzene tert-Butyl methyl ether (M		Analytical Metho RESULT 0.320 0.122 1.60 0.320 0.320 0.176 0.320 0.320 0.320 0.320 0.320	Q U U U U U U U U U U U U U U U U U U U	MDL 0.00928 0.032 1.17 0.022 0.017 0.012 0.016 0.011 0.015	RL 0.320 0.320 1.60 0.320 0.320 0.320 0.320 0.320 0.320 0.320 0.320

SAMPLE NO.

T-2-WEST

Lab Name: GC	AL Contra	ict:				
	24 Case No.:					405
Matrix: (soil/water	r) Solid					
Sample wt/vol:	6.21 (g/ml) g		Lab Sample ID:	211011405	06	
evel: (low/med)	LOW		Lab File ID: 21	10118p/k991	1	
6 Moisture: not d	dec. 20.1		Date Collected:	01/13/11	Time: 15	05
	TX-VMS-30 ID: .25		Date Received:	01/14/11		
nstrument ID: N	MSV5		Date Analyzed:	01/18/11	Time: 15	41
oil Extract Volur	me:		Dilution Factor:	250	Analyst:	CLH
	me:		Prep Batch:		Analytical	Batch: 449157
	TION UNITS: mg/kg		Analytical Metho		DOLLAR MARKA	-
CAS NO.	COMPOUND		RESULT	Q	MDL	RL
630-20-6	1,1,1,2-Tetrachloroethane		1.26	U	0.026	1.26
71-55-6	1,1,1-Trichloroethane		1.26	U	0.058	1.26
79-34-5	1,1,2,2-Tetrachloroethane		1.26	U	0.069	1.26
79-00-5	1,1,2-Trichloroethane		1.26	U	0.059	1.26
75-34-3	1,1-Dichloroethane		1.26	U	0.084	1.26
75-35-4	1,1-Dichloroethene		1.26	U	0.168	1.26
563-58-6	1,1-Dichloropropene		1.26	U	0.052	1.26
96-18-4	1,2,3-Trichloropropane		0.504	U	0.087	0.504
120-82-1	1,2,4-Trichlorobenzene		1.26	U	0.077	1.26
95-63-6	1,2,4-Trimethylbenzene	77	1.26	U	0.075	1.26
96-12-8	1,2-Dibromo-3-chloropropane		1,26	U	0.202	1.26
106-93-4	1,2-Dibromoethane		1.26	U	0.060	1.26
95-50-1	1,2-Dichlorobenzene		1.26	U	0.082	1.26
107-06-2	1,2-Dichloroethane		1.26	U	0.033	1.26
78-87-5	1,2-Dichloropropane		1.26	T U	0.027	1.26
108-67-8	1,3,5-Trimethylbenzene	_	1.26	T U	0.061	1.26
541-73-1	1,3-Dichlorobenzene		1.26	U	0.080	1.26
142-28-9	12 = 111	¥	1.26	U	0.045	1.26
106-46-7	1,4-Dichlorobenzene		1.26	U	0.103	1.26
594-20-7	2.2-Dichloropropane		1.26	U	0.292	1.26
78-93-3	2-Butanone		1.26	Ü	0.152	1.26
110-75-8	2-Chloroethylvinyl ether		1.26	U	0.059	1.26
95-49-8	2-Chlorotoluene		1.26	U	0.066	1.26
591-78-6	2-Hexanone		1.26	U	0.085	1.26
106-43-4	4-Chlorotoluene		1.26	U	0.003	1.26
99-87-6	4-Isopropyltoluene		1.26	U	0.067	1.26
108-10-1	4-Methyl-2-pentanone	_	1.26	U	0.086	1.26
67-64-1	A PRODUCTION OF PROPERTY OF THE PROPERTY OF TH		6.29	U	0.086	6.29
107-02-8	Acetone		2000000	U	110000000	
V CD (3 17 CD)	Acrolein		6.29		0.504	6.29
107-13-1	Acrylonitrile		6.29	U	0.269	6.29
71-43-2	Benzene		1.26	U	0.034	1.26

SAMPLE NO.

T-2-WEST

Lab Name: GC	Contract:			1	
	24 Case No.:			No.: 2110	011405
Matrix: (soil/water	r) Solid				
ample wt/vol:	6.21 (g/ml) g	Lab Sample ID	21101140506		
evel: (low/med)	1000	Lah Fila ID: 2	110118p/k9911		
				Time	4505
Moisture: not o	dec. 20.1	Date Collected:	01/13/11	Time:	1505
C Column: RT	TX-VMS-30 ID: .25 (m	nm Date Received:	01/14/11		
strument ID: N	MSV5	Date Analyzed:	01/18/11	Time:	1541
oil Extract Volu	me: ()		250		t: CLH
oil Aliquot Volur	me: ()	JL Prep Batch:		Analyti	cal Batch: 449157
CONCENTRAT	TION UNITS: mg/kg	Analytical Meth	od: SW-846 8260		
CAS NO.	COMPOUND	RESULT	Q	MDL	RL
108-86-1	Bromobenzene	1.26	I U I	0.076	1.26
75-27-4	Bromodichloromethane	1.26	Ü	0.038	1.26
75-25-2	Bromoform	1.26	U	0.058	1.26
74-83-9	Bromomethane	1.26	U	0.368	1.26
75-15-0	Carbon disulfide	1.26	U	0.117	1.26
56-23-5	Carbon tetrachloride	1.26	U	0.059	1.26
108-90-7	Chlorobenzene	1.26	U	0.047	1.26
75-00-3	Chloroethane	1.26	U	0.166	1.26
67-66-3	Chloroform	1.26	U	0.062	1.26
74-87-3	Chloromethane	1.26	U	0.191	1.26
110-82-7	Cyclohexane	1.26	U	0.044	1.26
124-48-1	Dibromochloromethane	1.26	U	0.035	1.26
74-95-3	Dibromomethane	1.26	U	0.079	1.26
75-71-8	Dichlorodifluoromethane	1.26	U	0.028	1.26
100-41-4	Ethylbenzene	1.26	U	0.052	1.26
87-68-3	Hexachlorobutadiene	1.26	U	0.059	1.26
98-82-8	Isopropylbenzene (Cumene)	32.6		0.049	1.26
79-20-9	Methyl Acetate	1.26	U	0.086	1.26
74-88-4	Methyl iodide	1.26	U	0.330	1.26
108-87-2	Methylcyclohexane	1.26	U	0.041	1.26
75-09-2	Methylene chloride	2.52	U	0.088	2.52
91-20-3	Naphthalene	1.26	U	0.208	1.26
100-42-5	Styrene	1.26	U	0.066	1.26
127-18-4	Tetrachloroethene	1.26	U	0.052	1.26
108-88-3	Toluene	1.26	U	0.050	1.26
79-01-6	Trichloroethene	1.26	U	0.059	1.26
75-69-4	Trichlorofluoromethane	1.26	U	0.034	1.26
76-13-1	Trichlorotrifluoroethane	1.26	U	0.290	1.26
108-05-4	Vinyl acetate	1.26	U	0.056	1.26
75-01-4	Vinyl chloride	1.26	U	0.034	1.26
	The state of the s				
1330-20-7	Xylene (total)	2.52	U	0.173	2.52

FORM I VOA

SAMPLE NO.

T-2-WEST

Lab Name: GCA	AL (Contract:				
ab Code: LA02			SAS No.:		lo.: 211	011405
/latrix: (soil/water)	Solid					
Sample wt/vol: _6	i.21 (g/ml) g		Lab Sample ID:	21101140506		
evel: (low/med)	LOW		Lab File ID: 21	10118p/k9911		
6 Moisture: not de	ec. 20.1		Date Collected:	01/13/11	Time:	1505
GC Column: RTX	K-VMS-30 ID: .25	(mm	Date Received:	01/14/11		
nstrument ID: M	SV5		Date Analyzed:	01/18/11	Time:	1541
oil Extract Volum	ne:	(µL	Dilution Factor:	250	Analys	st: CLH
oil Aliquot Volum		(µL	Prep Batch:		Analyt	ical Batch: 449157
CONCENTRATI	ON UNITS: malka		Analytical Metho	od: SW-846 8260		
CAS NO.	ON UNITS: mg/kg COMPOUND		RESULT	Q	MDL	RL
10061-01-5	cis-1,3-Dichloropropene		1.26	U	0.037	1.26
136777-61-	m,p-Xylene		1.26	U	0.127	1.26
71-36-3	n-Butyl alcohol		6.29	U	4.61	6.29
104-51-8	n-Butylbenzene		1.26	U	0.088	1.26
103-65-1	n-Propylbenzene		1.26	U	0.068	1.26
95-47-6	o-Xylene		1.26	U	0.048	1.26
135-98-8	sec-Butylbenzene		1.26	U	0.063	1.26
1634-04-4	tert-Butyl methyl ether (MTE	BE)	1.26	U	0.042	1.26
98-06-6	tert-Butylbenzene		1.26	U	0.060	1.26
156-60-5	trans-1,2-Dichloroethene		1.26	U	0.051	1.26
10061-02-6	trans-1,3-Dichloropropene		1.26	U	0.055	1.26
110-57-6	trans-1,4-Dichloro-2-butene		1.26	U	0.143	1.26

SAMPLE NO.

T-6-FLOOR

	CAL Contr					
ab Code: LA0	24 Case No.:		SAS No.:	S	DG No.: 21101	1405
Matrix: (soil/wate	r) Solid					
ample wt/vol:	4.77 (g/ml) g		Lab Sample ID:	21101140507	7	
evel: (low/med)			Lab File ID: 21	10116/a8982		
Moisture: not	dec. 26.0		Date Collected:	01/13/11	Time: 1	535
	TX-VMS-30 ID: .25			01/14/11		
strument ID:	MSV/11		Date Analyzed:	01/16/11	Time: 1	809
AND THE RESERVE OF THE PARTY OF			Dilution Factor:	0000	2 2 2	CLH
	me:					
oil Aliquot Volu	me:	(µL	Prep Batch:		Analytica	I Batch: 449013
CONCENTOA	TION UNITS: mades		Analytical Metho	od: SW-846 8	260	
CONCENTRAT	TION UNITS: mg/kg					
CAS NO.	COMPOUND		RESULT	Q	MDL	RL
630-20-6	1,1,1,2-Tetrachloroethane		0.709	U	0.015	0.709
71-55-6	1,1,1-Trichloroethane		0.709	U	0.033	0.709
79-34-5	1,1,2,2-Tetrachloroethane		0.709	U	0.039	0.709
79-00-5	1,1,2-Trichloroethane		0.709	U	0.033	0.709
75-34-3	1,1-Dichloroethane		0.709	U	0.047	0.709
75-35-4	1,1-Dichloroethene		0.709	U	0.095	0.709
563-58-6	1,1-Dichloropropene		0.709	U	0.029	0.709
96-18-4	1,2,3-Trichloropropane		0.283	U	0.049	0.283
120-82-1	1,2,4-Trichlorobenzene		0.709	U	0.043	0.709
95-63-6	1,2,4-Trimethylbenzene		0.709	U	0.042	0.709
96-12-8	1,2-Dibromo-3-chloropropane		0.709	U	0.114	0.709
106-93-4	1,2-Dibromoethane		0.709	U	0.034	0.709
95-50-1	1,2-Dichlorobenzene		0.709	U	0.046	0.709
107-06-2	1,2-Dichloroethane		0.709	U	0.019	0.709
78-87-5	1,2-Dichloropropane		0.709	U	0.015	0.709
108-67-8	1,3,5-Trimethylbenzene		0.709	U	0.034	0.709
541-73-1	1,3-Dichlorobenzene		0.709	U	0.045	0.709
142-28-9	1,3-Dichloropropane		0.709	U	0.025	0.709
106-46-7	1,4-Dichlorobenzene		0.709	U	0.058	0.709
594-20-7	2,2-Dichloropropane		0.709	U	0.164	0.709
78-93-3	2-Butanone		0.709	U	0.085	0.709
110-75-8	2-Chloroethylvinyl ether		0.709	U	0.033	0.709
95-49-8	2-Chlorotoluene		0.709	U	0.037	0.709
591-78-6	2-Hexanone		0.709	U	0.048	0.709
106-43-4	4-Chlorotoluene		0.709	U	0.043	0.709
99-87-6	4-Isopropyltoluene		0.709	U	0.038	0.709
108-10-1	4-Methyl-2-pentanone		0.709	U	0.048	0.709
67-64-1	Acetone		3.54	U	0.150	3.54
107-02-8	Acrolein		3.54	U	0.283	3.54
107-13-1	Acrylonitrile		3.54	U	0.152	3.54
71-43-2	Benzene		1.33		0.019	0.709

SAMPLE NO.

T-6-FLOOR

Lab Name: GC	CAL Contrac	t:				
ab Code: LA0					G No.: 21	1011405
latrix: (soil/wate						
	4.77 (g/ml) g		Lab Sample ID:	21101140507		
evel: (low/med)				10116/a8982		
Moisture: not			Date Collected:	01/13/11	Time:	1535
C Column: R	TX-VMS-30 ID: .25		Date Received:	01/14/11		
strument ID: I	0000000		Date Analyzed:	01/16/11	Time:	1809
	me:					st: CLH
oil Aliquot Volu	me:	(µL	Prep Batch:		Analy	tical Batch: 449013
CONCENTRAT	TION UNITS: mg/kg		Analytical Metho	d: SW-846 826	80	
CAS NO.	COMPOUND		RESULT	Q	MDL	RL
108-86-1	Bromobenzene		0.709	U	0.043	0.709
75-27-4	Bromodichloromethane		0.709	U	0.021	0.709
75-25-2	Bromoform		0.709	U	0.033	0.709
74-83-9	Bromomethane		0.709	U	0.207	0.709
75-15-0	Carbon disulfide		0.709	U	0.066	0.709
56-23-5	Carbon tetrachloride		0.709	U	0.033	0.709
108-90-7	Chlorobenzene		0.709	U	0.027	0.709
75-00-3	Chloroethane		0.709	U	0.093	0.709
67-66-3	Chloroform		0.709	U	0.035	0.709
74-87-3	Chloromethane		0.709	U	0.107	0.709
110-82-7	Cyclohexane		0.709	U	0.025	0.709
124-48-1	Dibromochloromethane		0.709	U	0.020	0.709
74-95-3	Dibromomethane		0.709	U	0.044	0.709
75-71-8	Dichlorodifluoromethane		0.709	U	0.016	0.709
100-41-4	Ethylbenzene	_	9.44	+ +	0.029	0.709
87-68-3	Hexachlorobutadiene		0.709	U	0.033	0.709
98-82-8	Isopropylbenzene (Cumene)		12.6		0.028	0.709
79-20-9	Methyl Acetate		0.709	U	0.048	0.709
74-88-4	Methyl iodide		0.709	U	0.186	0.709
108-87-2	Methylcyclohexane		0.709	U	0.023	0.709
75-09-2	Methylene chloride		1.42	U	0.049	1.42
91-20-3	Naphthalene		0.709	Ü	0.117	0.709
100-42-5	Styrene		0.709	U	0.037	0.709
127-18-4	Tetrachloroethene		0.709	U	0.029	0.709
108-88-3	Toluene		1.00		0.028	0.709
79-01-6	Trichloroethene		0.709	U	0.033	0.709
75-69-4	Trichlorofluoromethane		0.709	U	0.019	0.709
76-13-1	Trichlorotrifluoroethane		0.709	U	0.163	0.709
108-05-4	Vinyl acetate		0.709	U	0.031	0.709
75-01-4	Vinyl chloride		0.709	U	0.019	0.709
1330-20-7	Xylene (total)		1.95		0.097	1.42
	the state of the s					

SAMPLE NO.

T-6-FLOOR

Lab Name: GC	AL	Contract:				
ab Code: LA0	24 Case No.:		SAS No.:	SDO	3 No.: 211	011405
flatrix: (soil/water	r) Solid					
Sample wt/vol:	4.77 (g/ml) g		Lab Sample ID:	21101140507		
evel: (low/med)	LOW		Lab File ID: 21	10116/a8982		
% Moisture: not dec. 26.0		Date Collected:	01/13/11	Time:	1535	
GC Column: RT	TX-VMS-30 ID: .25	5 (mm	Date Received:	01/14/11	0-11	
nstrument ID: MSV11 Soil Extract Volume: (µL		Date Analyzed: Dilution Factor:	01/16/11	Time:	1809	
			100	Analys	Analyst: CLH	
ioil Aliquot Volume: (μL						
oil Aliquot Volur	me:	(µL	Prep Batch:		Analyt	tical Batch: 449013
	TION UNITS: mg/kg	(µL	50 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200	d: SW-846 826		tical Batch: 449013
		(μL	50 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200	SW-846 826		RL
CONCENTRAT	TION UNITS: mg/kg	(µL	Analytical Metho		0	
CAS NO.	COMPOUND	(µL	Analytical Metho	Q	MDL	RL
CONCENTRAT CAS NO. 10061-01-5 136777-61-	COMPOUND cis-1,3-Dichloropropene	(µL	Analytical Metho	Q	MDL 0.021	<i>RL</i> 0.709
CAS NO. 10061-01-5	COMPOUND cis-1,3-Dichloropropene m,p-Xylene	(µL	RESULT 0.709 0.709	Q U U	0.021 0.071	RL 0.709 0.709
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol	(µL	Analytical Metho **RESULT** 0.709 0.709 3.54	Q U U	0.021 0.071 2.59	RL 0.709 0.709 3.54
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene	(µL	Analytical Metho **RESULT** 0.709 0.709 3.54 0.709	Q U U U	0 MDL 0.021 0.071 2.59 0.049	RL 0.709 0.709 3.54 0.709
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene	(µL	Analytical Metho **RESULT** 0.709	Q U U U	0.021 0.021 0.071 2.59 0.049 0.038	RL 0.709 0.709 3.54 0.709 0.709
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene		Analytical Metho RESULT 0.709 0.709 3.54 0.709 0.709 1.95	Q U U U U U U U U U U U U U U U U U U U	0.021 0.021 0.071 2.59 0.049 0.038 0.027	RL 0.709 0.709 3.54 0.709 0.709 0.709
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6 135-98-8	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene sec-Butylbenzene		Analytical Metho RESULT 0.709 0.709 3.54 0.709 0.709 1.95 0.709	Q U U U U U U U U U U U U U U U U U U U	0 MDL 0.021 0.071 2.59 0.049 0.038 0.027 0.036	RL 0.709 0.709 3.54 0.709 0.709 0.709 0.709 0.709
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6 135-98-8 1634-04-4	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene sec-Butylbenzene tert-Butyl methyl ether (M		Analytical Metho RESULT 0.709 0.709 3.54 0.709 0.709 1.95 0.709 0.234	Q U U U U U U U U U U U U U U U U U U U	0 MDL 0.021 0.071 2.59 0.049 0.038 0.027 0.036 0.024	RL 0.709 0.709 3.54 0.709 0.709 0.709 0.709 0.709 0.709
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6 135-98-8 1634-04-4 98-06-6	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene sec-Butylbenzene tert-Butyl methyl ether (M'	TBE)	Analytical Metho RESULT 0.709 0.709 3.54 0.709 0.709 1.95 0.709 0.234 0.709	Q U U U U U U U U U U U U U U U U U U U	0.021 0.021 0.071 2.59 0.049 0.038 0.027 0.036 0.024	RL 0.709 0.709 3.54 0.709 0.709 0.709 0.709 0.709 0.709 0.709 0.709

SAMPLE NO.

T-6-EAST

Lab Name: GC	CAL Contrac	ct:					
CANADA CA			SAS No.:		SDG No.: 211011405		
fatrix: (soil/wate							
ample wt/vol:	5.13 (g/ml) g		Lab Sample ID:	2110114050	3		
evel: (low/med)			Lab File ID: 2110116/a8984				
					Time: 1	1555	
Moisture: not dec. 26.5						-	
C Column: RTX-VMS-30 ID: .25		(mm	Date Received:	24.000	822		
strument ID: _I	(1000) (1		Date Analyzed:	01/16/11	Time: _1	357	
oil Extract Volume:		(µL	Dilution Factor:	10000	Analyst:	CLH	
oil Aliquot Volu	ime:	(µL	Prep Batch:		Analytica	Batch: 449013	
	TION UNITS: mg/kg		Analytical Metho		200		
CAS NO.	COMPOUND		RESULT	Q	MDL	RL	
630-20-6	1,1,1,2-Tetrachloroethane		66.3	U	1.39	66.3	
71-55-6	1,1,1-Trichloroethane	4	66.3	U	3.06	66.3	
79-34-5	1,1,2,2-Tetrachloroethane		66.3	U	3.66	66.3	
79-00-5	1,1,2-Trichloroethane		66.3	U	3.12	66.3	
75-34-3	1,1-Dichloroethane		66.3	U	4.40	66.3	
75-35-4	1,1-Dichloroethene		66.3	U	8.84	66.3	
563-58-6	1,1-Dichloropropene		66.3	U	2.76	66.3	
96-18-4	1,2,3-Trichloropropane		26.5	U	4.60	26.5	
120-82-1	1,2,4-Trichlorobenzene		66.3	U	4.04	66.3	
95-63-6	1,2,4-Trimethylbenzene		66.3	U	3.95	66.3	
96-12-8	1,2-Dibromo-3-chloropropane		66.3	U	10.6	66.3	
106-93-4	1,2-Dibromoethane		66.3	U	3.17	66.3	
95-50-1	1,2-Dichlorobenzene		66.3	U	4.31	66.3	
107-06-2	1,2-Dichloroethane		66.3	U	1.74	66.3	
78-87-5	1,2-Dichloropropane		66.3	U	1.43	66.3	
108-67-8	1,3,5-Trimethylbenzene		66.3	U	3.20	66.3	
541-73-1	1,3-Dichlorobenzene		66.3	U	4.23	66.3	
142-28-9	1,3-Dichloropropane		66.3	U	2.37	66.3	
106-46-7	1,4-Dichlorobenzene		66.3	U	5.45	66.3	
594-20-7	2,2-Dichloropropane		66.3	U	15.4	66.3	
78-93-3	2-Butanone		66.3	U	7.99	66.3	
110-75-8	2-Chloroethylvinyl ether		66.3	U	3.10	66.3	
95-49-8	2-Chlorotoluene		66.3	U	3.50	66.3	
591-78-6	2-Hexanone		66.3	U	4.49	66.3	
106-43-4	4-Chlorotoluene		66.3	U	4.06	66.3	
99-87-6	4-Isopropyltoluene		66.3	U	3.53	66.3	
108-10-1	4-Methyl-2-pentanone		66.3	U	4.52	66.3	
67-64-1	Acetone		331	U	14.1	331	
107-02-8	Acrolein		331	U	26.5	331	
107-13-1	Acrylonitrile		331	U	14.2	331	
71-43-2	Benzene		18.2	J	1.82	66.3	

SAMPLE NO.

T-6-EAST

Lab Name: GC	CAL Contrac	ct:					
	Case No.:				DG No.: 21101	1405	
fatrix: (soil/wate	r) Solid						
ample wt/vol:	5.13 (g/ml) g		Lab Sample ID:	21101140508	E		
	wel: (law/med) OM		Lab File ID: 2110116/a8984				
Moisture: not o	Moisture: not dec. 26.5		Date Collected:	: 01/13/11 Time: 1555		555	
			Date Received:				
C Column: RTX-VMS-30 ID: _25 (mm strument ID: MSV11				01/16/11 Time: 1857		957	
-							
oil Extract Volu	me:	(µL	Dilution Factor:	10000	Analyst:	CLH	
oil Aliquot Volu	me:	(µL	Prep Batch:		Analytica	Batch: 449013	
CONCENTRAT	TION UNITS: mg/kg		Analytical Metho	od: SW-846 82	260		
CAS NO.	COMPOUND		RESULT	Q	MDL	RL	
108-86-1	Bromobenzene		66.3	T U T	3.99	66.3	
75-27-4	Bromodichloromethane		66.3	Ü	1.99	66.3	
75-25-2	Bromoform		66.3	Ü	3.06	66.3	
74-83-9	Bromomethane		66.3	U	19.4	66.3	
75-15-0	Carbon disulfide		66.3	U	6.17	66.3	
56-23-5	Carbon tetrachloride		66.3	U	3.13	66.3	
108-90-7	Chlorobenzene		66.3	U	2.49	66.3	
75-00-3	Chloroethane		66.3	U	8.74	66.3	
67-66-3	Chloroform		66.3	U	3.26	66.3	
74-87-3	Chloromethane		66.3	U	10.0	66.3	
110-82-7	Cyclohexane		66.3	U	2.33	66.3	
124-48-1	Dibromochloromethane		66.3	U	1.86	66.3	
74-95-3	Dibromomethane		66.3	U	4.16	66.3	
75-71-8	Dichlorodifluoromethane		66.3	U	1.47	66.3	
100-41-4	Ethylbenzene		272		2.73	66.3	
87-68-3	Hexachlorobutadiene		66.3	U	3.09	66.3	
98-82-8	Isopropylbenzene (Cumene)		1660		2.59	66.3	
79-20-9	Methyl Acetate		66.3	U	4.53	66.3	
74-88-4	Methyl iodide		66.3	U	17.4	66.3	
108-87-2	Methylcyclohexane		66.3	U	2.17	66.3	
75-09-2	Methylene chloride		133	U	4.61	133	
91-20-3	Naphthalene		66.3	U	10.9	66.3	
100-42-5	Styrene		21.8	J	3.50	66.3	
127-18-4	Tetrachloroethene		66.3	U	2.74	66.3	
108-88-3	Toluene		37.0	J	2.65	66.3	
79-01-6	Trichloroethene		66.3	U	3.10	66.3	
75-69-4	Trichlorofluoromethane		66.3	U	1.78	66.3	
76-13-1	Trichlorotrifluoroethane		66.3	U	15.2	66.3	
108-05-4	Vinyl acetate		66.3	υ	2.94	66.3	
75-01-4	Vinyl chloride		66.3	U	1.79	66.3	
1330-20-7	Xylene (total)		167		9.10	133	
156-59-2	cis-1,2-Dichloroethene		66.3	U	2.28	66.3	

SAMPLE NO.

T-6-EAST

	AL	Contract:				
ab Code: LA0	24 Case No.:		SAS No.:	SDG	No.: 211	011405
Matrix: (soil/water	r) Solid					
Sample wt/vol:	5.13 (g/ml) g		Lab Sample ID:	21101140508		
evel: (low/med)	LOW		Lab File ID: 21	10116/a8984		
% Moisture: not o	dec. 26.5		Date Collected:	01/13/11	Time:	1555
C Column: RT	TX-VMS-30 ID: .2	5 (mm	Date Received:	01/14/11		
nstrument ID: N	MSV11		Date Analyzed:	01/16/11	Time:	1857
Soil Extract Volur	me:	(µL	Dilution Factor:	10000	Analys	t: CLH
N-11 A H-11-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	ma:	(µL	Prep Batch:		Analyti	cal Batch: 449013
Soil Aliquot Volur	ille.	(pc	Frep batch.			
	TION UNITS: mg/kg	(рс	Thomas And Carlos	d: SW-846 8260		
		(рс	Thomas And Carlos		MDL	RL
CONCENTRAT	TION UNITS: mg/kg	(με	Analytical Metho			-
CONCENTRAT	COMPOUND	(рс	Analytical Metho	Q	MDL	RL
CONCENTRAT	COMPOUND cis-1,3-Dichloropropene	(рс	Analytical Metho RESULT 66.3	Q	MDL 1.92	RL 66.3
CONCENTRAT CAS NO. 10061-01-5 136777-61-	COMPOUND cis-1,3-Dichloropropene m,p-Xylene	(pt	RESULT 66.3 66.3	Q U U	MDL 1.92 6.67	RL 66.3
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol	(pt	### Analytical Metho ### RESULT 66.3	Q U U	MDL 1.92 6.67 243	RL 66.3 66.3 331
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene	(pt	Analytical Metho **RESULT** 66.3 66.3 331 66.3	Q U U U U U U U U U U U U U U U U U U U	MDL 1.92 6.67 243 4.63	RL 66.3 66.3 331 66.3
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene	(pt	Analytical Metho **RESULT** 66.3 66.3 331 66.3 66.3 66.3	Q U U U U U U U U U U U U U U U U U U U	MDL 1.92 6.67 243 4.63 3.59	RL 66.3 66.3 331 66.3 66.3
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene		Analytical Metho **RESULT** 66.3 66.3 331 66.3 66.3 66.3 167	Q U U U U U U U U U U U U U U U U U U U	MDL 1.92 6.67 243 4.63 3.59 2.51	RL 66.3 66.3 331 66.3 66.3 66.3
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6 135-98-8	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene sec-Butylbenzene		Analytical Metho RESULT 66.3 66.3 331 66.3 66.3 167 66.3	Q U U U U U U U U U U U U U U U U U U U	MDL 1.92 6.67 243 4.63 3.59 2.51 3.33	RL 66.3 66.3 331 66.3 66.3 66.3 66.3
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6 135-98-8 1634-04-4	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene sec-Butylbenzene tert-Butyl methyl ether (M	/TBE)	Analytical Metho RESULT 66.3 66.3 331 66.3 66.3 167 66.3 66.3	Q U U U U U U U U U U U U U U U U U U U	MDL 1.92 6.67 243 4.63 3.59 2.51 3.33 2.21	RL 66.3 66.3 331 66.3 66.3 66.3 66.3 66.3
CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6 135-98-8 1634-04-4 98-06-6	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene sec-Butylbenzene tert-Butyl methyl ether (N	MTBE)	Analytical Metho RESULT 66.3 66.3 331 66.3 66.3 167 66.3 66.3 66.3	Q U U U U U U U U U U U U U U U U U U U	MDL 1.92 6.67 243 4.63 3.59 2.51 3.33 2.21 3.14	RL 66.3 66.3 331 66.3 66.3 66.3 66.3 66.3

SAMPLE NO.

T-6-SOUTH

Lab Name: GC	Contra	ict:				
	24 Case No.:					1405
Matrix: (soil/wate	r) Solid		-			
Sample wt/vol:	5.23 (g/ml) g		Lab Sample ID:	211011405	09	
evel: (low/med)			Lab File ID: 21	10116/a8985		
% Moisture: not o	dec. 26.1		Date Collected:	01/13/11	Time: 16	315
	TX-VMS-30 ID: .25			Laborations States		
- 1000 - 1000 E	121111		THE RESERVE			200
nstrument ID: _N	W-221-W-1		Date Analyzed:	01/10/11	Time: _19	922
Soil Extract Volur	me:	(µL	Dilution Factor:	10000	Analyst:	CLH
Soil Aliquot Volur	me:	(µL	Prep Batch:		Analytical	Batch: 449013
	TION UNITS: mg/kg		Analytical Metho	od: SW-846	8260	
						-21
CAS NO.	COMPOUND		RESULT	Q	MDL	RL
630-20-6	1,1,1,2-Tetrachloroethane		64.7	U	1.36	64.7
71-55-6	1,1,1-Trichloroethane		64.7	U	2.99	64.7
79-34-5	1,1,2,2-Tetrachloroethane		64.7	U	3.57	64.7
79-00-5	1,1,2-Trichloroethane		64.7	U	3.04	64.7
75-34-3	1,1-Dichloroethane		64.7	U	4.30	64.7
75-35-4	1,1-Dichloroethene		64.7	U	8.63	64.7
563-58-6	1,1-Dichloropropene		64.7	U	2.69	64.7
96-18-4	1,2,3-Trichloropropane		25.9	Ų	4.49	25.9
120-82-1	1,2,4-Trichlorobenzene		64.7	U	3.95	64.7
95-63-6	1,2,4-Trimethylbenzene		64.7	U	3.86	64.7
96-12-8	1,2-Dibromo-3-chloropropane		64.7	U	10.4	64.7
106-93-4	1,2-Dibromoethane		64.7	U	3.09	64.7
95-50-1	1,2-Dichlorobenzene		64.7	U	4.21	64.7
107-06-2	1,2-Dichloroethane		64.7	U	1.70	64.7
78-87-5	1,2-Dichloropropane		64.7	U	1,40	64.7
108-67-8	1,3,5-Trimethylbenzene		64.7	U	3.12	64.7
541-73-1	1,3-Dichlorobenzene		64.7	U	4.13	64.7
142-28-9	1,3-Dichloropropane		64.7	U	2.32	64.7
106-46-7	1,4-Dichlorobenzene		64.7	U	5.32	64.7
594-20-7	2,2-Dichloropropane		64.7	U	15.0	64.7
78-93-3	2-Butanone		64.7	U	7.80	64.7
110-75-8	2-Chloroethylvinyl ether		64.7	U	3.03	64.7
95-49-8	2-Chlorotoluene		64.7	U	3.42	64.7
591-78-6	2-Hexanone		64.7	U	4.39	64.7
106-43-4	4-Chlorotoluene		64.7	U	3.96	64.7
99-87-6	4-Isopropyltoluene		64.7	U	3.44	64.7
108-10-1	4-Methyl-2-pentanone		64.7	U	4.41	64.7
67-64-1	Acetone		324	U	13.7	324
107-02-8	Acrolein		324	U	25.9	324
107-13-1	Acrylonitrile		324	U	13.8	324
71-43-2	Benzene		13.8	J	1.77	64.7

SAMPLE NO.

T-6-SOUTH

	Dalla September 1997				
Lab Name: GC	CAL Contract:			-	
ab Code: LAC	Case No.:	SAS No.:	SDG	No.: 21101	1405
Matrix: (soil/wate	er) Solid				
ample wt/vol:	5.23 (g/ml) g	Lab Sample ID:	21101140509		
evel: (low/med)	4 6944	1 -1	10116/a8985		
				T 4	CAF
	dec. 26.1		01/13/11	I ime: 1	015
C Column: R	TX-VMS-30 ID: .25 (mr	n Date Received:	01/14/11		
strument ID:	MSV11	Date Analyzed:	01/16/11	Time: 1	922
oil Extract Volu	me: (µL	7.77	10000		Co-co-co-c
oil Aliquot Volu	me: (µL	Prep Batch:	_	Analytica	l Batch: 449013
CONCENTRA	TION UNITS: mg/kg	Analytical Metho	od: SW-846 8260		
	AND THE PROPERTY OF THE PROPER		-		
CAS NO.	COMPOUND	RESULT	Q	MDL	RL
108-86-1	Bromobenzene	64.7	U	3.90	64.7
75-27-4	Bromodichloromethane	64.7	U	1.94	64.7
75-25-2	Bromoform	64.7	U	2.99	64.7
74-83-9	Bromomethane	64.7	U	18.9	64.7
75-15-0	Carbon disulfide	64.7	U	6.02	64.7
56-23-5	Carbon tetrachloride	64.7	U	3.05	64.7
108-90-7	Chlorobenzene	64.7	U	2.43	64.7
75-00-3	Chloroethane	64.7	U	8.53	64.7
67-66-3	Chloroform	18.4	J	3.18	64.7
74-87-3	Chloromethane	64.7	U	9.80	64.7
110-82-7	Cyclohexane	64.7	U	2.28	64.7
124-48-1	Dibromochloromethane	64.7	U	1.81	64.7
74-95-3	Dibromomethane	64.7	U	4.06	64.7
75-71-8	Dichlorodifluoromethane	64.7	U	1.44	64.7
100-41-4	Ethylbenzene	321		2.67	64.7
87-68-3	Hexachlorobutadiene	64.7	U	3.02	64.7
98-82-8	Isopropylbenzene (Cumene)	543		2.52	64.7
79-20-9	Methyl Acetate	64.7	U	4.43	64.7
74-88-4	Methyl iodide	64.7	U	17.0	64.7
108-87-2	Methylcyclohexane	64.7	U	2.12	64.7
75-09-2	Methylene chloride	129	U	4.50	129
91-20-3	Naphthalene	16.4	J	10.7	64.7
100-42-5	Styrene	15.2	J	3.42	64.7
127-18-4	Tetrachloroethene	64.7	U	2.68	64.7
108-88-3	Toluene	23.8	J	2.59	64.7
79-01-6	Trichloroethene	64.7	U	3.03	64.7
75-69-4	Trichlorofluoromethane	64.7	U	1.73	64.7
76-13-1	Trichlorotrifluoroethane	64.7	U	14.9	64.7
108-05-4	Vinyl acetate	64.7	U	2.87	64.7
75-01-4	Vinyl chloride	64.7	U	1.75	64.7
1330-20-7	Xylene (total)	68.6	J	8.88	129
ALCOHOLOGICA CONTRACTOR	cis-1,2-Dichloroethene	64.7	U	2.23	64.7

SAMPLE NO.

T-6-SOUTH

Lab Name: GC	:AL C	Contract:				
ab Code: LA0	24 Case No.:		SAS No.:		SDG No.: 2110	11405
Matrix: (soil/wate	r) Solid					
Sample wt/vol:	5.23 (g/ml) g		Lab Sample ID:	2110114050	9	
evel: (low/med)	LOW		Lab File ID: 21	10116/a8985		
% Moisture: not o	dec. 26.1		Date Collected:	01/13/11	Time:	1615
GC Column: R1	TX-VMS-30 ID: .25	(mm	Date Received:	01/14/11		
nstrument ID:	MSV11		Date Analyzed:	01/16/11	Time:	1922
Soil Extract Volu	me:	(µL	Dilution Factor:	10000	Analyst:	CLH
Soil Aliquot Volu	me:	(µL	Prep Batch:		Analytic	al Batch: 44901
CONCENTRAT	TION UNITS: mg/kg		Analytical Metho	d: SW-846 8	260	
CAS NO.	COMPOUND		RESULT	Q	MDL	RL
10061-01-5	cis-1,3-Dichloropropene		64.7	U	1.88	64.7
136777-61-	m,p-Xylene		64.7	U	6.51	64.7
71-36-3	n-Butyl alcohol		324	U	237	324
104-51-8	n-Butylbenzene		64.7	U	4.52	64.7
103-65-1	n-Propylbenzene		64.7	U	3.51	64.7
95-47-6	o-Xylene		68.6		2.45	64.7
135-98-8	sec-Butylbenzene		64.7	U	3.25	64.7
1634-04-4	tert-Butyl methyl ether (MTB	E)	64.7	U	2.16	64.7
98-06-6	tert-Butylbenzene		64.7	U	3.07	64.7
156-60-5	trans-1,2-Dichloroethene		64.7	U	2.61	64.7
10061-02-6	trans-1,3-Dichloropropene		64.7	U	2.85	64.7
110-57-6	trans-1,4-Dichloro-2-butene	2"	64.7	U	7.35	64.7

SAMPLE NO.

T-6-NORTH

Lab Name: GC	CAL Contra	ct:				
	024 Case No.:				SDG No.: 211011	1405
/latrix: (soil/wate						
Sample wt/vol:	5.87 (g/ml) g		Lab Sample ID:	2110114051	0	
evel: (low/med)			Lab File ID: 21	10116/a8979		
6 Moisture: not	da. 22.5		Data Callanted		Time: 16	325
					Talle. 10	725
GC Column: R	TX-VMS-30 ID: .25	(mm	Date Received:	01/14/11		
nstrument ID: _I	MSV11		Date Analyzed:	01/16/11	Time: 16	351
Soil Extract Volu	me:	(µL	Dilution Factor:	50	Analyst:	RJU
Soil Aliquot Volu	me:	(µL	Prep Batch:		Analytical	Batch: 449013
CONCENTRAT	TION UNITS: mg/kg		Analytical Metho	d: SW-846 8	3260	
			DECL!! T	•	MDI	D/
CAS NO.	COMPOUND		RESULT	Q	MDL	RL
630-20-6	1,1,1,2-Tetrachloroethane		0.275	U	0.00577	0.275
71-55-6	1,1,1-Trichloroethane		0.087	J	0.013	0.275
79-34-5	1,1,2,2-Tetrachloroethane		0.275	U	0.015	0.275
79-00-5	1,1,2-Trichloroethane		0.275	U	0.013	0.275
75-34-3	1,1-Dichloroethane		0.275	U	0.018	0.275
75-35-4	1,1-Dichloroethene		0.275	U	0.037	0.275
563-58-6	1,1-Dichloropropene		0.275	U	0.011	0.275
96-18-4	1,2,3-Trichloropropane		0.110	U	0.019	0.110
120-82-1	1,2,4-Trichlorobenzene		0.275	U	0.017	0.275
95-63-6	1,2,4-Trimethylbenzene		0.230	J	0.016	0.275
96-12-8	1,2-Dibromo-3-chloropropane		0.275	U	0.044	0.275
106-93-4	1,2-Dibromoethane		0.275	U	0.013	0.275
95-50-1	1,2-Dichlorobenzene		0.275	U	0.018	0.275
107-06-2	1,2-Dichloroethane		0.275	U	0.00720	0.275
78-87-5	1,2-Dichloropropane		0.275	U	0.00593	0.275
108-67-8	1,3,5-Trimethylbenzene		0.094	J	0.013	0.275
541-73-1	1,3-Dichlorobenzene		0.275	U	0.018	0.275
142-28-9	1,3-Dichloropropane		0.275	U	0.00983	0.275
106-46-7	1,4-Dichlorobenzene		0.275	U	0.023	0.275
594-20-7	2,2-Dichloropropane		0.275	U	0.064	0.275
78-93-3	2-Butanone		0.275	U	0.033	0.275
110-75-8	2-Chloroethylvinyl ether		0.275	U	0.013	0.275
95-49-8	2-Chlorotoluene		0.275	U	0.015	0.275
591-78-6	2-Hexanone		0.275	U	0.019	0.275
106-43-4	4-Chlorotoluene		0.275	U	0.017	0.275
99-87-6	4-Isopropyltoluene		0.275	U	0.015	0.275
108-10-1	4-Methyl-2-pentanone		0.275	U	0.019	0.275
67-64-1	Acetone		1.37	U	0.058	1.37
107-02-8	Acrolein		1.37	U	0.110	1.37
107-13-1	Acrylonitrile		1.37	U	0.059	1.37
71-43-2	Benzene		2.94		0.00753	0.275

SAMPLE NO.

T-6-NORTH

Lab Name: GC	CAL Contra	act:				
	024 Case No.:					405
Matrix: (soil/wate	er) Solid					
Sample wt/vol:	5.87 (g/ml) g		Lab Sample ID:	2110114051	0	
evel: (low/med)			Lab File ID: 21	10116/a8979		
6 Moisture: not	dec. 22.5		Date Collected:	01/13/11	Time: 16	25
C Column R	TX-VMS-30 ID: .25	(mm	Date Received:	Seatt Michigan Ma		
nstrument ID:		(,,,,,			Time: 16	51
		7.3				
oil Extract Volu	me:	(µL			Analyst:	
oil Aliquot Volu	me:	(µL	Prep Batch:		Analytical	Batch: 449013
CONCENTRAT	TION UNITS: mg/kg		Analytical Metho	d: SW-846 8	260	
CAS NO.	COMPOUND		RESULT	Q	MDL	RL
108-86-1	Bromobenzene		0.275	TUT	0.017	0.275
75-27-4	Bromodichloromethane		0.275	U	0.00824	0.275
75-25-2	Bromoform		0.275	U	0.013	0.275
74-83-9	Bromomethane		0.275	U	0.080	0.275
75-15-0	Carbon disulfide		0.275	U	0.026	0.275
56-23-5	Carbon tetrachloride		0.275	U	0.013	0.275
108-90-7	Chlorobenzene		0.275	U	0.010	0.275
75-00-3	Chloroethane		0.275	U	0.036	0.275
67-66-3	Chloroform		0.293		0.014	0.275
74-87-3	Chloromethane		0.275	U	0.042	0.275
110-82-7	Cyclohexane		0.063	J	0.00967	0.275
124-48-1	Dibromochloromethane		0.275	U	0.00769	0.275
74-95-3	Dibromomethane		0.275	U	0.017	0.275
75-71-8	Dichlorodifluoromethane		0.275	U	0.00610	0.275
100-41-4	Ethylbenzene		1.83		0.011	0.275
87-68-3	Hexachlorobutadiene		0.275	U	0.013	0.275
98-82-8	Isopropylbenzene (Cumene)		0.221	J	0.011	0.275
79-20-9	Methyl Acetate		0.275	U	0.019	0.275
74-88-4	Methyl iodide		0.275	U	0.072	0.275
108-87-2	Methylcyclohexane		0.275	U	0.00901	0.275
75-09-2	Methylene chloride		0.549	U	0.019	0.549
91-20-3	Naphthalene		0.427		0.045	0.275
100-42-5	Styrene		0.275	U	0.015	0.275
127-18-4	Tetrachloroethene		0.275	U	0.011	0.275
108-88-3	Toluene		0.271	J	0.011	0.275
79-01-6	Trichloroethene		0.174	J	0.013	0.275
75-69-4	Trichlorofluoromethane		0.275	U	0.00736	0.275
76-13-1	Trichlorotrifluoroethane		0.275	U	0.063	0.275
108-05-4	Vinyl acetate		0.275	U	0.012	0.275
75-01-4	Vinyl chloride		0.275	U	0.00742	0.275
1330-20-7	Xylene (total)		1.02		0.038	0.549
156-59-2	cis-1,2-Dichloroethene		0.275	U	0.00945	0.275

FORM I VOA

SAMPLE NO.

T-6-NORTH

Lab Name: GC	AL	contract:				
ab Code: LA0	24 Case No.:		SAS No.:	SDG No	.: 211	011405
fatrix: (soil/wate	r) Solid					
ample wt/vol:	5.87 (g/ml) g		Lab Sample ID:	21101140510		
evel: (low/med)	LOW		Lab File ID: 21	10116/a8979		
Moisture: not o	dec. 22.5		Date Collected:	01/13/11	Time:	1625
C Column: R1	TX-VMS-30 ID: .25	(mm	Date Received:	01/14/11		
nstrument ID: _M	MSV11		Date Analyzed:	01/16/11	Time:	1651
oil Extract Volu	me:	(µL	Dilution Factor:	50	Analys	t: RJU
oil Aliquot Volur	me:	(µL	Prep Batch:		Analyti	ical Batch: 449013
CONCENTRAT	TION UNITS: mg/kg		Analytical Method: SW-846 8260			
CAS NO.	COMPOUND		RESULT	Q M	IDL	RL
				-		KL
10061-01-5	cis-1,3-Dichloropropene		0.275		00796	0.275
				U 0.		50E
136777-61-	cis-1,3-Dichloropropene		0.275	U 0.	00796	0.275
136777-61- 71-36-3	cis-1,3-Dichloropropene m,p-Xylene		0.275 0.664	U 0.	00796	0.275 0.275
136777-61- 71-36-3 104-51-8	cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol		0.275 0.664 1.37	U 0,	00796 0.028 1.01	0.275 0.275 1.37
136777-61- 71-36-3 104-51-8 103-65-1	cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene		0.275 0.664 1.37 0.275	U 0.	00796 0.028 1.01 0.019	0.275 0.275 1.37 0.275
136777-61- 71-36-3 104-51-8 103-65-1 95-47-6	cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene		0.275 0.664 1.37 0.275 0.155	U 0.	00796 0.028 1.01 0.019	0.275 0.275 1.37 0.275 0.275
136777-61- 71-36-3 104-51-8 103-65-1 95-47-6 135-98-8	cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene	E)	0.275 0.664 1.37 0.275 0.155 0.357	U 0.	00796 0.028 1.01 0.019 0.015	0.275 0.275 1.37 0.275 0.275 0.275
136777-61- 71-36-3 104-51-8 103-65-1 95-47-6 135-98-8 1634-04-4	cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene sec-Butylbenzene	E)	0.275 0.664 1.37 0.275 0.155 0.357 0.275	U 0.	00796 0.028 1.01 0.019 0.015 0.010	0.275 0.275 1.37 0.275 0.275 0.275 0.275
103-65-1 95-47-6 135-98-8	cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene sec-Butylbenzene tert-Butyl methyl ether (MTE	E)	0.275 0.664 1.37 0.275 0.155 0.357 0.275 0.479	U 0.	00796 0.028 1.01 0.019 0.015 0.010 0.014 00917	0.275 0.275 1.37 0.275 0.275 0.275 0.275 0.275
136777-61- 71-36-3 104-51-8 103-65-1 95-47-6 135-98-8 1634-04-4 98-06-6	cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene sec-Butylbenzene tert-Butyl methyl ether (MTE)	E)	0.275 0.664 1.37 0.275 0.155 0.357 0.275 0.479 0.275	U 0.	00796 0.028 1.01 0.019 0.015 0.010 0.014 00917	0.275 0.275 1.37 0.275 0.275 0.275 0.275 0.275 0.275 0.275

SAMPLE NO.

BLIND DUP

Lab Name: GC	CAL Cont	ract:				
ab Code: LA0	NAME OF THE PARTY			5	SDG No : 21101	1405
Matrix: (soil/wate			ONO NO		21101	1400
	5.71 (g/ml) g		Lab Sample ID:	2110114051	1	
sample wovoi.	5.71 (g/iii) g		Lab Sample ID.	2110114051	1	
evel: (low/med)	LOW		Lab File ID: 21	10116/a8986		
% Moisture: not	dec. 24.1		Date Collected:	01/13/11	Time: 0	000
C Column: R	TX-VMS-30 ID: .25	(mm	Date Received:	01/14/11		
nstrument ID: 1	entercontrol	F	Date Analyzed:	01/16/11	Time: 1	946
-			Date Allalyzed.	01/10/11	111161	340
Soil Extract Volu	me:	(µL	Dilution Factor:	10000	Analyst:	CLH
Soil Aliquot Volu	me:	(µL	Prep Batch:		Analytica	Batch: 449013
CONCENTRAT	TION UNITS: mg/kg		Analytical Metho	d: SW-846 8	260	
-coommontoneous						-
CAS NO.	COMPOUND		RESULT	Q	MDL	RL
630-20-6	1,1,1,2-Tetrachloroethane		57.7	U	1.21	57.7
71-55-6	1,1,1-Trichloroethane		57.7	U	2.67	57.7
79-34-5	1,1,2,2-Tetrachloroethane		57.7	U	3.19	57.7
79-00-5	1,1,2-Trichloroethane		57.7	U	2.71	57.7
75-34-3	1,1-Dichloroethane		57.7	U	3.83	57.7
75-35-4	1,1-Dichloroethene		57.7	U	7.70	57.7
563-58-6	1,1-Dichloropropene		57.7	U	2.40	57.7
96-18-4	1,2,3-Trichloropropane		23.1	U	4.01	23.1
120-82-1	1,2,4-Trichlorobenzene		57.7	U	3.52	57.7
95-63-6	1,2,4-Trimethylbenzene		57.7	U	3.44	57.7
96-12-8	1,2-Dibromo-3-chloropropane		57.7	U	9.25	57.7
106-93-4	1,2-Dibromoethane		57.7	U	2.76	57.7
95-50-1	1,2-Dichlorobenzene		57.7	U	3.75	57.7
107-06-2	1,2-Dichloroethane		57.7	U	1.51	57.7
78-87-5	1,2-Dichloropropane		57.7	U	1.25	57.7
108-67-8	1,3,5-Trimethylbenzene		57.7	U	2.78	57.7
541-73-1	1,3-Dichlorobenzene		57.7	U	3.68	57.7
142-28-9	1,3-Dichloropropane		57.7	U	2.07	57.7
106-46-7	1,4-Dichlorobenzene		57.7	U	4.74	57.7
594-20-7	2,2-Dichloropropane		57.7	U	13.4	57.7
78-93-3	2-Butanone		57.7	U	6.96	57.7
110-75-8	2-Chloroethylvinyl ether		57.7	U	2.70	57.7
95-49-8	2-Chlorotoluene		57.7	U	3.05	57.7
591-78-6	2-Hexanone		57.7	U	3.91	57.7
106-43-4	4-Chlorotoluene		57.7	U	3.53	57.7
99-87-6	4-Isopropyltoluene		57.7	U	3.07	57.7
108-10-1	4-Methyl-2-pentanone		57.7	U	3.94	57.7
67-64-1	Acetone		289	U	12.2	289
107-02-8	Acrolein		289	U	23.1	289
107-13-1	Acrylonitrile		289	U	12.4	289
71-43-2	Benzene		13.1	J	1.58	57.7

SAMPLE NO.

BLIND DUP

Lab Name: GC	CAL Contra	act:				
ab Code: LA0	024 Case No.:		SAS No.:	s	DG No.: 21101	1405
fatrix: (soil/wate						
sample wt/vol:	5.71 (g/ml) g		Lab Sample ID:	21101140511	ß	
evel: (low/med)	1011		Lab File ID: 21	Contractive St. Vertice St. 2		
ACCUSIONAL CONTROL CONTROL	- COLUMN				-	
Moisture: not o	dec. 24.1		Date Collected:	01/13/11	Time: 0	000
C Column: R	TX-VMS-30 ID: .25	(mm	Date Received:	01/14/11		
nstrument ID:	MSV11		Date Analyzed:	01/16/11	Time: 1	946
oil Extract Volu	me:	(µL	Dilution Factor:			
oil Aliquot Volui	me:	(hr	Prep Batch:		Analytica	Batch: 449013
CONCENTRAT	TION UNITS: mg/kg		Analytical Metho	d: SW-846 82	260	
CAS NO.	COMPOUND		RESULT	Q	MDL	RL
108-86-1	Bromobenzene		57.7	TUI	3.47	57.7
75-27-4	Bromodichloromethane		57.7	l ŭ	1.73	57.7
75-25-2	Bromoform		57.7	Ü	2.67	57.7
74-83-9	Bromomethane		57.7	Ü	16.9	57.7
75-15-0	Carbon disulfide	_	57.7	Ü	5.37	57.7
56-23-5	Carbon tetrachloride		57.7	Ü	2.72	57.7
108-90-7	Chlorobenzene		57.7	Ü	2.17	57.7
75-00-3	Chloroethane		57.7	Ü	7.61	57.7
67-66-3	Chloroform		57.7	Ü	2.84	57.7
74-87-3	Chloromethane		57.7	Ü	8.74	57.7
110-82-7	Cyclohexane		57.7	T U	2.03	57.7
124-48-1	Dibromochloromethane		57.7	Ü	1.62	57.7
74-95-3	Dibromomethane		57.7	Ü	3.62	57.7
75-71-8	Dichlorodifluoromethane		57.7	U	1.28	57.7
100-41-4	Ethylbenzene		156	1	2.38	57.7
87-68-3	Hexachlorobutadiene		57.7	U	2.69	57.7
98-82-8	Isopropylbenzene (Cumene)		924		2.25	57.7
79-20-9	Methyl Acetate		57.7	U	3.95	57.7
74-88-4	Methyl iodide		57.7	U	15.1	57.7
108-87-2	Methylcyclohexane		57.7	U	1.89	57.7
75-09-2	Methylene chloride		115	U	4.02	115
91-20-3	Naphthalene		15.7	J	9.52	57.7
100-42-5	Styrene		15.2	J	3.05	57.7
127-18-4	Tetrachloroethene		57.7	U	2.39	57.7
108-88-3	Toluene		19.2	J	2.31	57.7
79-01-6	Trichloroethene		57.7	U	2.70	57.7
75-69-4	Trichlorofluoromethane		57.7	U	1.55	57.7
76-13-1	Trichlorotrifluoroethane		57.7	U	13.3	57.7
108-05-4	Vinyl acetate		57.7	U	2.56	57.7
75-01-4	Vinyl chloride		57.7	U	1.56	57.7
1330-20-7	Xylene (total)		98.9	J	7.92	115

FORM I VOA

SAMPLE NO.

BLIND DUP

Lab Name: GC/	AL	Contract:				
ab Code: LA02	24 Case No.:		SAS No.:	SDG No.	.: 2110	11405
Matrix: (soil/water	r) Solid					
ample wt/vol:	5.71 (g/ml) g		Lab Sample ID:	21101140511		
evel: (low/med)			Lab File ID: 21	10116/a8986		
6 Moisture: not d	lec. 24.1		Date Collected:	01/13/11	Time:	0000
C Column: RT	X-VMS-30 ID:	.25 (mm	Date Received:	01/14/11		
nstrument ID: _M	NSV11		Date Analyzed:	01/16/11	Time:	1946
oil Extract Volun	ne:	(µL	Dilution Factor:	10000	Analyst	: CLH
oil Aliquot Volun	ne:	(µL	Prep Batch:		Analytic	cal Batch: 449013
	rion UNITS: mg/kg	(µL	CHORES PERCHASERS III	d: SW-846 8260	Analytic	cal Batch: 449013
	200	(μL	CHORES PERCHASERS III	d: SW-846 8260	Analytic	RL
CONCENTRAT	TION UNITS: mg/kg		Analytical Metho	d: SW-846 8260 Q M		
CAS NO.	COMPOUND		Analytical Metho	d: SW-846 8260 Q M	IDL.	RL
CONCENTRATI CAS NO. 10061-01-5 136777-61-	COMPOUND cis-1,3-Dichloropropen		Analytical Metho	Q M	IDL 1.67	RL 57.7
CAS NO.	COMPOUND cis-1,3-Dichloropropen m,p-Xylene		RESULT 57.7 57.7	Q M U U U	IDL 1.67 5.81	RL 57.7 57.7
CONCENTRATI CAS NO. 10061-01-5 136777-61- 71-36-3	COMPOUND cis-1,3-Dichloropropen m,p-Xylene n-Butyl alcohol		### Analytical Metho ### RESULT 57.7 57.7 289	Q M U 9	IDL 1.67 5.81 211	FL 57.7 57.7 289
CONCENTRATI CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8	COMPOUND cis-1,3-Dichloropropen m,p-Xylene n-Butyl alcohol n-Butylbenzene		### Analytical Metho ### RESULT 57.7	Q M U 9 U 9 U 9 U 9 U 9 U 9 U 9 U 9	1.67 5.81 211 4.03	FL 57.7 57.7 289 57.7
CONCENTRATI CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1	compound cis-1,3-Dichloropropen m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene		### Analytical Metho ### RESULT 57.7 57.7 289 57.7 57.7	d: SW-846 8260 Q M U 9 U 9 U 9 U 9 U 9 U 9 U 9 U	1.67 5.81 211 4.03 3.13	FL 57.7 57.7 289 57.7 57.7
CONCENTRATA CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6 135-98-8	compound cis-1,3-Dichloropropen m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene	ne	### Analytical Method ### RESULT 57.7 57.7 289 57.7 57.7 98.9	d: SW-846 8260 Q M U U U U U U U U U U U U U U	1.67 5.81 211 4.03 3.13 2.18	FL 57.7 57.7 289 57.7 57.7 57.7
CONCENTRATA CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6 135-98-8	COMPOUND cis-1,3-Dichloropropen m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene sec-Butylbenzene	ne	### Analytical Method ### RESULT 57.7	d: SW-846 8260 Q M U U U U U U U U U U U U U U U U U U	1.67 5.81 211 4.03 3.13 2.18 2.90	FL 57.7 57.7 289 57.7 57.7 57.7 57.7
CONCENTRATA CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6 135-98-8 1634-04-4	cis-1,3-Dichloropropen m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene sec-Butylbenzene tert-Butyl methyl ether	ne (MTBE)	### Analytical Method ### RESULT 57.7 57.7 289 57.7 57.7 98.9 57.7 57.7 57.7 57.7 57.7	d: SW-846 8260 Q M U U U U U U U U U U U U U U U U U U	1.67 5.81 211 4.03 3.13 2.18 2.90	FL 57.7 57.7 289 57.7 57.7 57.7 57.7 57.7
CONCENTRATA CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6 135-98-8 1634-04-4 98-06-6	cis-1,3-Dichloropropen m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene sec-Butylbenzene tert-Butyl methyl ether tert-Butylbenzene	(MTBE)	### Analytical Method ### RESULT 57.7 57.7 289 57.7 57.7 98.9 57.7 57.7 57.7 57.7 57.7	d: SW-846 8260 Q M U U U U U U U U U U U U U U U U U U	1.67 5.81 211 4.03 3.13 2.18 2.90 1.93 2.74	FL 57.7 57.7 289 57.7 57.7 57.7 57.7 57.7 57.7

SAMPLE NO.

SC-W	

Lab Name: GC	CAL Contrac	ct:				
Lab Code: LAC						405
Matrix: (soil/wate	er) Solid					
Sample wt/vol:	5.85 (g/ml) g		Lab Sample ID:	211011405	12	
Level: (low/med)			Lab File ID: 21	10116/a8980		
% Moisture: not	dec. 23.5		Date Collected:	01/13/11	Time: 16	45
		(mm	Date Received:			
nstrument ID:	1.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0				Time: 17	15
		/d		Trans.	740-775-74	2288
	me:				Analyst:	KJU
Soil Aliquot Volu	me:	(µL	Prep Batch:		Analytical	Batch: 449013
CONCENTRA	TION UNITS: mg/kg		Analytical Metho	d: SW-846	3260	
CAS NO.	COMPOUND		RESULT	Q	MDL	RL
630-20-6	1,1,1,2-Tetrachloroethane		0.279	Ιυ	0.00586	0.279
71-55-6	1,1,1-Trichloroethane		0.279	U	0.013	0.279
79-34-5	1,1,2,2-Tetrachloroethane		0.279	U	0.015	0.279
79-00-5	1,1,2-Trichloroethane		0.279	U	0.013	0.279
75-34-3	1,1-Dichloroethane		0.279	U	0.019	0.279
75-35-4	1,1-Dichloroethene		0.279	U	0.037	0.279
563-58-6	1,1-Dichloropropene		0.279	U	0.012	0.279
96-18-4	1,2,3-Trichloropropane		0.112	U	0.019	0.112
120-82-1	1,2,4-Trichlorobenzene		0.279	U	0.017	0.279
95-63-6	1,2,4-Trimethylbenzene		0.111	J	0.017	0.279
96-12-8	1,2-Dibromo-3-chloropropane		0.279	U	0.045	0.279
106-93-4	1,2-Dibromoethane		0.279	U	0.013	0.279
95-50-1	1,2-Dichlorobenzene		0.279	U	0.018	0.279
107-06-2	1,2-Dichloroethane		0.279	U	0.00731	0.279
78-87-5	1,2-Dichloropropane		0.279	U	0.00603	0.279
108-67-8	1,3,5-Trimethylbenzene		0.057	J	0.013	0.279
541-73-1	1,3-Dichlorobenzene		0.279	U	0.018	0.279
142-28-9	1,3-Dichloropropane		0.279	U	0.00999	0.279
106-46-7	1,4-Dichlorobenzene		0.279	U	0.023	0.279
594-20-7	2,2-Dichloropropane		0.279	U	0.065	0.279
78-93-3	2-Butanone		0.279	U	0.034	0.279
110-75-8	2-Chloroethylvinyl ether		0.279	U	0.013	0.279
95-49-8	2-Chlorotoluene		0.279	U	0.015	0.279
591-78-6	2-Hexanone		0.279	U	0.019	0.279
106-43-4	4-Chlorotoluene		0.279	U	0.017	0.279
99-87-6	4-Isopropyltoluene		0.279	U	0.015	0.279
108-10-1	4-Methyl-2-pentanone		0.279	U	0.019	0.279
67-64-1	Acetone		1.40	U	0.059	1.40
107-02-8	Acrolein		1.40	U	0.112	1.40
107-13-1	Acrylonitrile		1.40	U	0.060	1.40
71-43-2	Benzene		0.102	J	0.00765	0.279

SAMPLE NO.

SC-W			

Lab Name: GC	CAL Contra	ct:				
ab Code: LA0	Case No.:					1405
Matrix: (soil/wate	er) Solid					
Sample wt/vol:	5.85 (g/ml) g		Lab Sample ID:	21101140	512	
evel: (low/med)			Lab File ID: 21	10116/a898	0	
6 Moisture: not	dec. 23.5		Date Collected:	01/13/11	Time: 1	645
	TX-VMS-30 ID: .25	(mm	Date Received:			
nstrument ID: 1	Acceptance in the contract of	ţ			Time: 1	715
-		91.4				
	me:		Dilution Factor:	50	Analyst:	RJU
ioil Aliquot Volu	me:	(µL	Prep Batch:		Analytica	Batch: 449013
CONCENTRAT	TION UNITS: mg/kg		Analytical Metho	d: SW-846	8 8260	
CAS NO.	COMPOUND		RESULT	Q	MDL	RL
108-86-1	Bromobenzene		0.279	Τυ	0.017	0.279
75-27-4	Bromodichloromethane		0.279	U	0.00838	0.279
75-25-2	Bromoform		0.279	U	0.013	0.279
74-83-9	Bromomethane		0.279	U	0.082	0.279
75-15-0	Carbon disulfide		0.279	U	0.026	0.279
56-23-5	Carbon tetrachloride		0.279	U	0.013	0.279
108-90-7	Chlorobenzene		0.279	U	0.010	0.279
75-00-3	Chloroethane		0.279	U	0.037	0.279
67-66-3	Chloroform		0.279	U	0.014	0.279
74-87-3	Chloromethane		0.279	U	0.042	0.279
110-82-7	Cyclohexane		0.208	J	0.00983	0.279
124-48-1	Dibromochloromethane		0.279	U	0.00782	0.279
74-95-3	Dibromomethane		0.279	U	0.018	0.279
75-71-8	Dichlorodifluoromethane		0.279	U	0.00620	0.279
100-41-4	Ethylbenzene		0.144	J	0.012	0.279
87-68-3	Hexachlorobutadiene		0.279	U	0.013	0.279
98-82-8	Isopropylbenzene (Cumene)		0.328		0.011	0.279
79-20-9	Methyl Acetate		0.279	U	0.019	0.279
74-88-4	Methyl iodide		0.279	U	0.073	0.279
108-87-2	Methylcyclohexane		0.279	U	0.00916	0.279
75-09-2	Methylene chloride		0.558	U	0.019	0.558
91-20-3	Naphthalene		0.118	J	0.046	0.279
100-42-5	Styrene		0.279	U	0.015	0.279
127-18-4	Tetrachloroethene		0.279	U	0.012	0.279
108-88-3	Toluene		0.279	U	0.011	0.279
79-01-6	Trichloroethene		0.279	U	0.013	0.279
75-69-4	Trichlorofluoromethane		0.279	U	0.00748	0.279
76-13-1	Trichlorotrifluoroethane		0.279	U	0.064	0.279
108-05-4	Vinyl acetate		0.279	U	0.012	0.279
75-01-4	Vinyl chloride		0.279	U	0.00754	0.279
1330-20-7	Xylene (total)		0.226	J	0.038	0.558
156-59-2	cis-1,2-Dichloroethene		0.279	U	0.00960	0.279

SAMPLE NO.

SC-W

Lab Name: GC	AL		Contract:				
ab Code: LA02	24 Cas	se No.:		SAS No.:	S	DG No.: 211	1011405
Matrix: (soil/water	r) Solid						
ample wt/vol:	5.85 (g/ml)	g		Lab Sample ID:	21101140512	2	
evel: (low/med)	LOW			Lab File ID: 21	10116/a8980		
6 Moisture: not d	lec. 23.5			Date Collected:	01/13/11	Time:	1645
C Column: RT	X-VMS-30	ID: .25	(mm	Date Received:	01/14/11		
nstrument ID: _M	MSV11			Date Analyzed:	01/16/11	Time:	1715
oil Extract Volum	me:		(µL	Dilution Factor:	50	Analy	st: RJU
oil Aliquot Volun			(µL	Prep Batch:		Analy	tical Batch: 449013
ioil Aliquot Volun		/kg	(µL	Prep Batch: Analytical Metho	od: SW-846 82		tical Batch: 449013
ioil Aliquot Volun	me:		(µL				tical Batch: 449013
concentrat	ne: TION UNITS: mg/		(µL	Analytical Metho		260	-
oil Aliquot Volun CONCENTRAT CAS NO.	TION UNITS: mg/		(µL	Analytical Metho	Q	MDL	RL
concentrat CAS NO. 10061-01-5 136777-61-	COMPOUND cis-1,3-Dichloro	ppropene	(µL	Analytical Metho	Q	MDL 0.00810	RL 0.279
CONCENTRAT CAS NO. 10061-01-5 136777-61-	COMPOUND cis-1,3-Dichloro m,p-Xylene	ppropene	(µL	RESULT 0.279 0.117	Q U J	MDL 0.00810 0.028	RL 0.279 0.279
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3	COMPOUND cis-1,3-Dichloro m,p-Xylene n-Butyl alcohol	ppropene	(μL	RESULT 0.279 0.117 1.40	Q U J U	MDL 0.00810 0.028 1.02	RL 0.279 0.279 1.40
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8	COMPOUND cis-1,3-Dichloro m,p-Xylene n-Butyl alcohol n-Butylbenzene	ppropene	(μL	RESULT 0.279 0.117 1.40 0.279	Q U J U	MDL 0.00810 0.028 1.02 0.019	RL 0.279 0.279 1.40 0.279
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1	COMPOUND cis-1,3-Dichloro m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene	opropene o	(μL	Analytical Metho RESULT 0.279 0.117 1.40 0.279 0.279	Q U J U U U U U U U U U U U U U U U U U	0.00810 0.028 1.02 0.019 0.015	RL 0.279 0.279 1.40 0.279 0.279
CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6	COMPOUND cis-1,3-Dichloro m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene	ppropene e ne		RESULT 0.279 0.117 1.40 0.279 0.279 0.109	Q U U U U U U U U U U U U U U U U U U U	0.00810 0.028 1.02 0.019 0.015 0.011	RL 0.279 0.279 1.40 0.279 0.279 0.279
CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6 135-98-8 1634-04-4	COMPOUND cis-1,3-Dichloro m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzen o-Xylene sec-Butylbenze	opropene ane ene yl ether (MT		RESULT 0.279 0.117 1.40 0.279 0.279 0.109 0.279	Q U U U U U U U U U U U U U U U U U U U	0.00810 0.00810 0.028 1.02 0.019 0.015 0.011	RL 0.279 0.279 1.40 0.279 0.279 0.279 0.279 0.279
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6 135-98-8	COMPOUND cis-1,3-Dichloro m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzen o-Xylene sec-Butylbenze tert-Butyl methy	opropene ene ene yl ether (MT		Analytical Metho RESULT 0.279 0.117 1.40 0.279 0.279 0.109 0.279 0.279 0.279	Q U J U U U U U U U U U U U U U U U U U	0.00810 0.00810 0.028 1.02 0.019 0.015 0.011 0.014 0.00932	RL 0.279 0.279 1.40 0.279 0.279 0.279 0.279 0.279 0.279
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6 135-98-8 1634-04-4 98-06-6	cis-1,3-Dichloro n-Butyl alcohol n-Butylbenzene n-Propylbenzen o-Xylene sec-Butylbenze tert-Butyl methy tert-Butylbenzene	opropene one one yl ether (MT ne proethene	BE)	Analytical Metho RESULT 0.279 0.117 1.40 0.279 0.279 0.109 0.279 0.279 0.279 0.279	Q U U U U U U U U U U U U U U U U U U U	0.00810 0.00810 0.028 1.02 0.019 0.015 0.011 0.014 0.00932 0.013	RL 0.279 0.279 1.40 0.279 0.279 0.279 0.279 0.279 0.279 0.279

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- 25	AN	ıы	-	N	

SC-E

Lab Name: GC	AL Contra	ict:			<u> </u>	
ab Code: LA0	24 Case No.:		SAS No.:		SDG No.: 21101	1405
Matrix: (soil/water	r) Solid					
Sample wt/vol:	4.93 (g/ml) g		Lab Sample ID:	211011405	13	
evel: (low/med)	AND WARRIED		Lab File ID: 21	10116/a8981		
Moisture: not o	dec. 26.3		Date Collected:	01/13/11	Time: 16	355
	TX-VMS-30 ID: .25	(mm	Date Received:			22830
CONTRACTOR OF THE CONTRACTOR O	ne entre en	(iiiii)		and the state of t		700
nstrument ID: N			Date Analyzed:	01/16/11	Time: 1	739
oil Extract Volur	me:	(µL	Dilution Factor:	50	Analyst:	RJU
oil Aliquot Volur			Prep Batch:		Analytica	Batch: 449013
CONCENTRAT			Analytical Metho			
	TION UNITS: mg/kg					
CAS NO.	COMPOUND		RESULT	Q	MDL	RL
630-20-6	1,1,1,2-Tetrachloroethane		0.344	U	0.00722	0.344
71-55-6	1,1,1-Trichloroethane		0.344	U	0.016	0.344
79-34-5	1,1,2,2-Tetrachloroethane		0.344	U	0.019	0.344
79-00-5	1,1,2-Trichloroethane		0.344	U	0.016	0.344
75-34-3	1,1-Dichloroethane		0.344	U	0.023	0.344
75-35-4	1,1-Dichloroethene		0.344	U	0.046	0.344
563-58-6	1,1-Dichloropropene		0.344	U	0.014	0.344
96-18-4	1,2,3-Trichloropropane		0.138	U	0.024	0.138
120-82-1	1,2,4-Trichlorobenzene		0.344	U	0.021	0.344
95-63-6	1,2,4-Trimethylbenzene		0.074	J	0.020	0.344
96-12-8	1,2-Dibromo-3-chloropropane		0.344	U	0.055	0.344
106-93-4	1,2-Dibromoethane		0.344	U	0.016	0.344
95-50-1	1,2-Dichlorobenzene		0.344	U	0.022	0.344
107-06-2	1,2-Dichloroethane		0.344	U	0.00901	0.344
78-87-5	1,2-Dichloropropane		0.344	U	0.00743	0.344
108-67-8	1,3,5-Trimethylbenzene		0.344	U	0.017	0.344
541-73-1	1,3-Dichlorobenzene		0.344	U	0.022	0.344
142-28-9	1,3-Dichloropropane		0.344	U	0.012	0.344
106-46-7	1,4-Dichlorobenzene		0.344	U	0.028	0.344
594-20-7	2,2-Dichloropropane		0.344	U	0.080	0.344
78-93-3	2-Butanone		0.344	U	0.041	0.344
110-75-8	2-Chloroethylvinyl ether		0.344	U	0.016	0.344
95-49-8	2-Chlorotoluene		0.344	U	0.018	0.344
591-78-6	2-Hexanone		0.344	U	0.023	0.344
106-43-4	4-Chlorotoluene		0.344	U	0.021	0.344
99-87-6	4-Isopropyltoluene		0.344	U	0.018	0.344
108-10-1	4-Methyl-2-pentanone		0.344	U	0.023	0.344
67-64-1	Acetone		1.72	U	0.073	1.72
107-02-8	Acrolein		1.72	U	0.138	1.72
107-13-1	Acrylonitrile		1.72	U	0.074	1.72
71-43-2	Benzene		0.344	U	0.00942	0.344

SAMPLE NO.

SCE		
SU-L		

Lab Name: G0	CAL Contra	ct:				
Lab Code: LA	024 Case No.:					1405
Matrix: (soil/wate	er) Solid					
Sample wt/vol:	4.93 (g/ml) g		Lab Sample ID:	2110114051	3	
Level: (low/med)	LOW		Lab File ID: 21	10116/a8981		
% Moisture: not	Dr. SAPOAR		Date Collected:	01/13/11	Time: 16	355
GC Column: R	TX-VMS-30 ID: .25		Date Received:	-1-11		
nstrument ID:		Managar			Time: 17	730
	ime:				Analyst:	
Soil Aliquot Volu	ime:	(µL	Prep Batch:		Analytical	Batch: 449013
CONCENTRA	TION UNITS: mg/kg		Analytical Metho	od: SW-846 8	3260	
CAS NO.	COMPOUND		RESULT	Q	MDL	RL
108-86-1	Bromobenzene		0.344	U	0.021	0.344
75-27-4	Bromodichloromethane		0.344	U	0.010	0.344
75-25-2	Bromoform		0.344	U	0.016	0.344
74-83-9	Bromomethane		0.344	U	0.100	0.344
75-15-0	Carbon disulfide		0.344	U	0.032	0.344
56-23-5	Carbon tetrachloride	_	0.344	U	0.016	0.344
108-90-7	Chlorobenzene		0.344	U	0.013	0.344
75-00-3	Chloroethane		0.344	U	0.045	0.344
67-66-3	Chloroform		0.344	Ü	0.017	0.344
74-87-3	Chloromethane		0.344	U	0.052	0.344
110-82-7	Cyclohexane		0.106	J	0.012	0.344
124-48-1	Dibromochloromethane		0.344	U	0.00963	0.344
74-95-3	Dibromomethane		0.344	U	0.022	0.344
75-71-8	Dichlorodifluoromethane		0.344	U	0.00763	0.344
100-41-4	Ethylbenzene		0.195	J	0.014	0.344
87-68-3	Hexachlorobutadiene		0.344	U	0.016	0.344
98-82-8	Isopropylbenzene (Cumene)		0.427		0.013	0.344
79-20-9	Methyl Acetate		0.344	U	0.024	0.344
74-88-4	Methyl iodide		0.344	U	0.090	0.344
108-87-2	Methylcyclohexane		0.344	U	0.011	0.344
75-09-2	Methylene chloride		0.688	U	0.024	0.688
91-20-3	Naphthalene		0.164	J	0.057	0.344
100-42-5	Styrene		0.344	U	0.018	0.344
127-18-4	Tetrachloroethene		0.344	U	0.014	0.344
108-88-3	Toluene		0.344	U	0.014	0.344
79-01-6	Trichloroethene		0.344	U	0.016	0.344
75-69-4	Trichlorofluoromethane		0.344	U	0.00922	0.344
76-13-1	Trichlorotrifluoroethane		0.344	U	0.079	0.344
108-05-4	Vinyl acetate		0.344	U	0.015	0.344
75-01-4	Vinyl chloride		0.344	U	0.00928	0.344
1330-20-7	Xylene (total)		0.187	J	0.047	0.688
156-59-2	cis-1,2-Dichloroethene		0.344	U	0.012	0.344

SAMPLE NO.

SC-E

Lab Name: GCA	AL.	Contract:			_	
ab Code: LA024	4 Case No.:		SAS No.:	SDG	No.: 211	011405
fatrix: (soil/water)	Solid					
sample wt/vol: 4	.93 (g/ml) g		Lab Sample ID:	21101140513		
evel: (low/med)	LOW		Lab File ID: 21	10116/a8981		
6 Moisture: not de	ec. 26.3		Date Collected:	01/13/11	Time:	1655
GC Column: RTX	K-VMS-30 ID:	.25 (mm	Date Received:	01/14/11		
nstrument ID: MS	SV11		Date Analyzed:	01/16/11	Time:	1739
oil Extract Volum	ne:	(µL	Dilution Factor:	50	Analys	st: RJU
oil Aliquot Volum	e:	(µL	Prep Batch:		Analyt	ical Batch: 449013
	ON UNITS: mg/kg	(µL		d: SW-846 8260		ical Batch: 449013
CONCENTRATIO		(µL		d: SW-846 8260		RL
CONCENTRATIO	ON UNITS: mg/kg		Analytical Metho			
CAS NO.	ON UNITS: mg/kg		Analytical Metho	Q	MDL	RL
CONCENTRATION CAS NO. 10061-01-5 136777-61-	ON UNITS: mg/kg COMPOUND cis-1,3-Dichloroproper		Analytical Metho	Q	MDL 0.00997	<i>RL</i>
CAS NO.	COMPOUND cis-1,3-Dichloroproper m,p-Xylene		RESULT 0.344 0.100	Q U J	MDL 0.00997 0.035	RL 0.344 0.344
CONCENTRATION CAS NO. 10061-01-5 136777-61-71-36-3	COMPOUND cis-1,3-Dichloroproper m,p-Xylene n-Butyl alcohol		RESULT 0.344 0.100 1.72	Q U J U	MDL 0.00997 0.035 1.26	RL 0.344 0.344 1.72
CONCENTRATION CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8	COMPOUND cis-1,3-Dichloroproper m,p-Xylene n-Butyl alcohol n-Butylbenzene		RESULT 0.344 0.100 1.72 0.344	Q U J U U U U U U U U U U U U U U U U U	MDL 0.00997 0.035 1.26 0.024	RL 0.344 0.344 1.72 0.344
CONCENTRATION CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1	COMPOUND cis-1,3-Dichloroproper m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene		RESULT 0.344 0.100 1.72 0.344 0.344 0.344	Q U U U U U U U U U U U U U U U U U U U	MDL 0.00997 0.035 1.26 0.024 0.019	RL 0.344 0.344 1.72 0.344 0.344
CONCENTRATION CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6 135-98-8	COMPOUND cis-1,3-Dichloroproper m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene	ne	RESULT 0.344 0.100 1.72 0.344 0.344 0.344 0.344 0.087	Q U U U U U U U U U U U U U U U U U U U	MDL 0.00997 0.035 1.26 0.024 0.019 0.013	RL 0.344 0.344 1.72 0.344 0.344 0.344
CONCENTRATION CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6 135-98-8	COMPOUND cis-1,3-Dichloroproper m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene sec-Butylbenzene	ne	RESULT 0.344 0.100 1.72 0.344 0.344 0.087 0.344	Q U U U U U U U U U U U U U U U U U U U	MDL 0.00997 0.035 1.26 0.024 0.019 0.013 0.017	RL 0.344 0.344 1.72 0.344 0.344 0.344 0.344
CONCENTRATION CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6 135-98-8 1634-04-4	COMPOUND cis-1,3-Dichloroproper m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene sec-Butylbenzene tert-Butyl methyl ether	r (MTBE)	Analytical Methol RESULT 0.344 0.100 1.72 0.344 0.344 0.087 0.344 0.344 0.344	Q U U U U U U U U U U U U U U U U U U U	MDL 0.00997 0.035 1.26 0.024 0.019 0.013 0.017 0.011	RL 0.344 0.344 1.72 0.344 0.344 0.344 0.344 0.344
CONCENTRATION CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6 135-98-8 1634-04-4 98-06-6	COMPOUND cis-1,3-Dichloroproper m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene sec-Butylbenzene tert-Butyl methyl ether tert-Butylbenzene	r (MTBE)	Analytical Metho RESULT 0.344 0.100 1.72 0.344 0.344 0.344 0.344 0.344 0.344 0.344	Q U U U U U U U U U U U U U U U U U U U	MDL 0.00997 0.035 1.26 0.024 0.019 0.013 0.017 0.011	RL 0.344 0.344 1.72 0.344 0.344 0.344 0.344 0.344 0.344

SAMPLE NO.

EQUIPMENT BLANK

Lab Name: GC	CAL Contra	ict:				
ab Code: LA0	Case No.:		SAS No.:		SDG No.: 21101	1405
Matrix: (soil/wate	er) Water		l le			
Sample wt/vol:	5 (g/ml) mL		Lab Sample ID:	211011405	14	
evel: (low/med)	LOW		Lab File ID: 21	10116/a8966		
% Moisture: not	dec.		Date Collected:	01/13/11	Time: 1	710
C Column: R	TX-VMS-30 ID: .25		Date Received:		5,000,000	
THE PARTY OF THE P	Literature Constitution Constit	(,,,,,,		Day and the same of the same o	Times 4	110
nstrument ID: _I		20 0	Date Analyzed:	-		
ioil Extract Volu	me:	(µL	Dilution Factor:	1	Analyst:	RJU
oil Aliquot Volu	me:	(µL	Prep Batch:		Analytica	Batch: 449012
CONCENTRAT	TION UNITS: mg/L		Analytical Metho	d: SW-846	8260	
CAS NO.	COMPOUND		RESULT	Q	MDL	RL
630-20-6	1,1,1,2-Tetrachloroethane	_	0.00500	ΙU	0.000113	0.00500
71-55-6	1,1,1-Trichloroethane	_	0.00500	U	0.000113	0.00500
79-34-5	1,1,2,2-Tetrachloroethane		0.00500	U	0.000072	0.00500
79-00-5	1,1,2-Trichloroethane		0.00500	U	0.000095	0.00500
75-34-3	1,1-Dichloroethane		0.00500	U	0.000030	0.00500
75-35-4	1,1-Dichloroethene		0.00500	U	0.000164	0.00500
563-58-6	1,1-Dichloropropene		0.00500	U	0.000067	0.00500
96-18-4	1,2,3-Trichloropropane		0.00500	U	0.000100	0.00500
120-82-1	1,2,4-Trichlorobenzene		0.00500	U	0.000119	0.00500
95-63-6	1,2,4-Trimethylbenzene		0.00500	U	0.000027	0.00500
96-12-8	1,2-Dibromo-3-chloropropane		0.00500	U	0.000082	0.00500
106-93-4	1,2-Dibromoethane		0.00500	U	0.000046	0.00500
95-50-1	1,2-Dichlorobenzene		0.00500	U	0.000078	0.00500
107-06-2	1,2-Dichloroethane		0.00500	U	0.000086	0.00500
78-87-5	1,2-Dichloropropane		0.00500	U	0.000064	0.00500
108-67-8	1,3,5-Trimethylbenzene		0.00500	U	0.000021	0.00500
541-73-1	1,3-Dichlorobenzene		0.00500	U	0.000098	0.00500
142-28-9	1,3-Dichloropropane		0.00500	U	0.000041	0.00500
106-46-7	1,4-Dichlorobenzene		0.00500	U	0.000118	0.00500
594-20-7	2,2-Dichloropropane		0.00500	U	0.000117	0.00500
78-93-3	2-Butanone		0.00500	U	0.000093	0.00500
110-75-8	2-Chloroethylvinyl ether		0.00500	U	0.000515	0.00500
95-49-8	2-Chlorotoluene		0.00500	U	0.000044	0.00500
591-78-6	2-Hexanone		0.00500	U	0.000503	0.00500
106-43-4	4-Chlorotoluene		0.00500	U	0.000052	0.00500
99-87-6	4-Isopropyltoluene		0.00500	U	0.000037	0.00500
108-10-1	4-Methyl-2-pentanone		0.00500	U	0.000065	0.00500
67-64-1	Acetone		0.025	U	0.00115	0.025
107-02-8	Acrolein	0====	0.025	U	0.00169	0.025
107-13-1	Acrylonitrile		0.025	U	0.00100	0.025
71-43-2	Benzene		0.00500	U	0.000054	0.00500

SAMPLE NO.

EQUIPMENT BLANK

Lab Name: GC	CAL Contract:				
ab Code: LAC				SDG No.: 211011	405
Matrix: (soil/wate	er) Water	_			
Sample wt/vol:	5 (g/ml) mL	Lab Sample ID:	21101140	514	
_evel: (low/med)	LOW	Lab File ID: 21	10116/a896	66	
% Moisture: not	dec.		01/13/11	Time: 17	10
	TX-VMS-30 ID: .25 (mm				
nstrument ID:				Time: 11	142
_					
	me: (μL			Analyst:	
Soil Aliquot Volu	me: (µL	Prep Batch:		Analytical	Batch: 449012
CONCENTRA	TION UNITS: mg/L	Analytical Metho	od: SW-846	6 8260	
CAS NO.	COMPOUND	RESULT	Q	MDL	RL
108-86-1	Bromobenzene	0.00500	U	0.000084	0.00500
75-27-4	Bromodichloromethane	0.00500	U	0.000053	0.00500
75-25-2	Bromoform	0.00500	U	0.000104	0.00500
74-83-9	Bromomethane	0.00500	U	0.000264	0.00500
75-15-0	Carbon disulfide	0.00500	U	0.000143	0.00500
56-23-5	Carbon tetrachloride	0.00500	U	0.000148	0.00500
108-90-7	Chlorobenzene	0.00500	U	0.000027	0.00500
75-00-3	Chloroethane	0.00500	U	0.000351	0.00500
67-66-3	Chloroform	0.00500	U	0.000056	0.00500
74-87-3	Chloromethane	0.00500	U	0.000088	0.00500
110-82-7	Cyclohexane	0.00500	U	0.000064	0.00500
124-48-1	Dibromochloromethane	0.00500	U	0.000040	0.00500
74-95-3	Dibromomethane	0.00500	U	0.000184	0.00500
75-71-8	Dichlorodifluoromethane	0.00500	U	0.000096	0.00500
100-41-4	Ethylbenzene	0.00500	U	0.000062	0.00500
87-68-3	Hexachlorobutadiene	0.00500	U	0.000690	0.00500
98-82-8	Isopropylbenzene (Cumene)	0.00500	U	0.000034	0.00500
79-20-9	Methyl Acetate	0.00500	U	0.00142	0.00500
74-88-4	Methyl iodide	0.00500	U	0.000243	0.00500
108-87-2	Methylcyclohexane	0.00500	U	0.000072	0.00500
75-09-2	Methylene chloride	0.010	U	0.000327	0.010
91-20-3	Naphthalene	0.00500	U	0.000081	0.00500
100-42-5	Styrene	0.00500	U	0.000050	0.00500
127-18-4	Tetrachloroethene	0.00500	U	0.000121	0.00500
108-88-3	Toluene	0.00500	U	0.000059	0.00500
79-01-6	Trichloroethene	0.00500	U	0.000061	0.00500
75-69-4	Trichlorofluoromethane	0.00500	U	0.000123	0.00500
76-13-1	Trichlorotrifluoroethane	0.00500	U	0.000127	0.00500
108-05-4	Vinyl acetate	0.00500	U	0.000202	0.00500
75-01-4	Vinyl chloride	0.00500	U	0.000093	0.00500
1330-20-7	Xylene (total)	0.010	U	0.000058	0.010
156-59-2	cis-1,2-Dichloroethene	0.00500	U	0.000061	0.00500

FORM I VOA

SAMPLE NO.

EQUIPMENT BLANK

-	AL C	ontract:				
ab Code: LA0	24 Case No.:		SAS No.:	s	DG No.: 211	011405
Matrix: (soil/water	r) Water		-			
Sample wt/vol:	5 (g/ml) mL		Lab Sample ID:	21101140514	4	
evel: (low/med)	LOW		Lab File ID: 21	10116/a8966		
6 Moisture: not d	dec.		Date Collected:	01/13/11	Time:	1710
GC Column: RT	TX-VMS-30 ID: .25	(mm	Date Received:	01/14/11		
nstrument ID: _N	MSV11		Date Analyzed:	01/16/11	Time:	1142
oil Extract Volur	me:	(µL	Dilution Factor:	1	Analys	t: RJU
- 11 A II 1 3 / - 1	me:	Cul	Prep Batch:		Analyti	cal Batch: 449012
Soil Aliquot Volur	110.	(pc	i top batom		100000000000000000000000000000000000000	
	TION UNITS: mg/L	()	Analytical Metho	od: SW-846 8		
		(pc	AMARAN CONTRACTOR			RL
CONCENTRAT	TION UNITS: mg/L	()	Analytical Metho		260	
CAS NO.	TION UNITS: mg/L COMPOUND	(pc	Analytical Metho	Q	260 MDL	RL
CONCENTRAT CAS NO. 10061-01-5	COMPOUND cis-1,3-Dichloropropene	(pc	Analytical Metho	Q	MDL 0.000031	<i>RL</i> 0.00500
CONCENTRAT CAS NO. 10061-01-5 136777-61-	COMPOUND cis-1,3-Dichloropropene m,p-Xylene	() =	RESULT 0.00500 0.010	Q U U	MDL 0.000031 0.000058	RL 0.00500 0.010
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol	()	RESULT 0.00500 0.010 0.025	Q U U	MDL 0.000031 0.000058 0.000395	RL 0.00500 0.010 0.025
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene	()	RESULT 0.00500 0.010 0.025 0.00500	Q U U U U U U U U	MDL 0.000031 0.000058 0.000395 0.000036	RL 0.00500 0.010 0.025 0.00500
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene	()	RESULT 0.00500 0.010 0.025 0.00500 0.00500	Q U U U U U U U U	MDL 0.000031 0.000058 0.000395 0.000036 0.000054	RL 0.00500 0.010 0.025 0.00500 0.00500
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene		Analytical Metho RESULT 0.00500 0.010 0.025 0.00500 0.00500 0.00500	Q U U U U U U U U U U U U U U U U U U U	MDL 0.000031 0.000058 0.000395 0.000036 0.000054 0.000027	RL 0.00500 0.010 0.025 0.00500 0.00500 0.00500
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6 135-98-8	cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene sec-Butylbenzene		Analytical Metho RESULT 0.00500 0.010 0.025 0.00500 0.00500 0.00500 0.00500	Q U U U U U U U U U U U U U U U U U U U	MDL 0.000031 0.000058 0.000395 0.000036 0.000054 0.000027 0.000026	RL 0.00500 0.010 0.025 0.00500 0.00500 0.00500 0.00500
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6 135-98-8 1634-04-4	cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene sec-Butylbenzene tert-Butyl methyl ether (MTB		Analytical Metho RESULT 0.00500 0.010 0.025 0.00500 0.00500 0.00500 0.00500 0.00500	Q U U U U U U U U U U U U U U U U U U U	MDL 0.000031 0.000395 0.00036 0.000054 0.000027 0.000026 0.000051	RL 0.00500 0.010 0.025 0.00500 0.00500 0.00500 0.00500
CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6 135-98-8 1634-04-4 98-06-6	cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene sec-Butylbenzene tert-Butyl methyl ether (MTB)		Analytical Metho RESULT 0.00500 0.010 0.025 0.00500 0.00500 0.00500 0.00500 0.00500 0.00500	Q U U U U U U U U U U U U U U U U U U U	MDL 0.000031 0.000058 0.000395 0.000036 0.000054 0.000027 0.000026 0.000051 0.000077	RL 0.00500 0.010 0.025 0.00500 0.00500 0.00500 0.00500 0.00500 0.00500

SAMPLE NO.

					-	
Lab Name: GC						
ab Code: LA0	24 Case No.:		SAS No.:		SDG No.: 211011	405
Matrix: (soil/wate	r) Water					
Sample wt/vol:	5 (g/ml) mL		Lab Sample ID:	211011405	15	
evel: (low/med)			The second secon			
			_	M SOMSONE VARIOUS	Time: 17	715
	dec.				Time. 17	10
-	TX-VMS-30 ID: .25	(mm	Date Received:	01/14/11		
nstrument ID: _M	MSV11		Date Analyzed:	01/16/11	Time: 12	:05
Soil Extract Volu	me:	(µL	Dilution Factor:	1	Analyst:	RJU
	me:				Analytical	
ion raiquot voidi		(pc				Datcii. 443012
CONCENTRAT	TION UNITS: mg/L		Analytical Metho	d: SW-846	8260	
CAS NO.	COMPOUND		RESULT	Q	MDL	RL
CAS NO.	COMPOUND		RESULT	¥	MDL	KL
630-20-6	1,1,1,2-Tetrachloroethane		0.00500	U	0.000113	0.00500
71-55-6	1,1,1-Trichloroethane		0.00500	U	0.000106	0.00500
79-34-5	1,1,2,2-Tetrachloroethane		0.00500	U	0.000072	0.00500
79-00-5	1,1,2-Trichloroethane		0.00500	U	0.000095	0.00500
75-34-3	1,1-Dichloroethane		0.00500	U	0.000030	0.00500
75-35-4	1,1-Dichloroethene		0.00500	U	0.000164	0.00500
563-58-6	1,1-Dichloropropene		0.00500	U	0.000067	0.00500
96-18-4	1,2,3-Trichloropropane		0.00500	U	0.000100	0.00500
120-82-1	1,2,4-Trichlorobenzene		0.00500	U	0.000119	0.00500
95-63-6	1,2,4-Trimethylbenzene		0.00500	U	0.000027	0.00500
96-12-8	1,2-Dibromo-3-chloropropane		0.00500	U	0.000082	0.00500
106-93-4	1,2-Dibromoethane		0.00500	U	0.000046	0.00500
95-50-1	1,2-Dichlorobenzene		0.00500	U	0.000078	0.00500
107-06-2	1,2-Dichloroethane		0.00500	U	0.000086	0.00500
78-87-5	1,2-Dichloropropane		0.00500	U	0.000064	0.00500
108-67-8	1,3,5-Trimethylbenzene		0.00500	U	0.000021	0.00500
541-73-1	1,3-Dichlorobenzene		0.00500	U	0.000098	0.00500
142-28-9	1,3-Dichloropropane		0.00500	U	0.000041	0.00500
106-46-7	1,4-Dichlorobenzene		0.00500	U	0.000118	0.00500
594-20-7	2,2-Dichloropropane		0.00500	U	0.000117	0.00500
78-93-3	2-Butanone		0.00500	U	0.000093	0.00500
110-75-8	2-Chloroethylvinyl ether		0.00500	U	0.000515	0.00500
95-49-8	2-Chlorotoluene		0.00500	U	0.000044	0.00500
591-78-6	2-Hexanone		0.00500	U	0.000503	0.00500
106-43-4	4-Chlorotoluene		0.00500	U	0.000052	0.00500
99-87-6	4-Isopropyltoluene		0.00500	U	0.000037	0.00500
108-10-1	4-Methyl-2-pentanone		0.00500	U	0.000065	0.00500
67-64-1	Acetone	Mirror -	0.025	U	0.00115	0.025
107-02-8	Acrolein		0.025	U	0.00169	0.025
107-13-1	Acrylonitrile		0.025	U	0.00100	0.025
71-43-2	Benzene		0.00500	U	0.000054	0.00500

SAMPLE NO.

Lab Name: GC	CAL Contr	ract:				
ab Code: LAC	024 Case No.:		SAS No.:	s	DG No.: 21101	1405
Matrix: (soil/wate	er) Water					
Sample wt/vol:	5 (g/ml) mL		Lab Sample ID:	2110114051	5	
evel: (low/med)	100		Lab File ID: 21			
					Time: 1	715
	dec.				Time. 1	713
C Column: R	TX-VMS-30 ID: .25	(mm	Date Received:	01/14/11		
strument ID:	MSV11		Date Analyzed:	01/16/11	Time: 1:	205
oil Extract Volu	ime:	(µL	Dilution Factor:	1	Analyst:	RJU
oil Aliquot Volu						Batch: 449012
oli Aliquot volu	ime:	(pc	Frep Batch.		Analytica	Datcii. 449012
CONCENTRA	TION UNITS: mg/L		Analytical Metho	d: SW-846 8	260	
CAS NO.	COMPOUND		RESULT	Q	MDL	RL
108-86-1	Bromobenzene		0.00500	TUT	0.000084	0.00500
75-27-4	Bromodichloromethane		0.00500	U	0.000053	0.00500
75-25-2	Bromoform		0.00500	U	0.000104	0.00500
74-83-9	Bromomethane		0.00500	U	0.000264	0.00500
75-15-0	Carbon disulfide		0.00500	U	0.000143	0.00500
56-23-5	Carbon tetrachloride		0.00500	U	0.000148	0.00500
108-90-7	Chlorobenzene		0.00500	U	0.000027	0.00500
75-00-3	Chloroethane		0.00500	U	0.000351	0.00500
67-66-3	Chloroform	_	0.00500	U	0.000056	0.00500
74-87-3	Chloromethane		0.00500	Ü	0.000088	0.00500
110-82-7	Cyclohexane		0.00500	Ü	0.000064	0.00500
124-48-1	Dibromochloromethane		0.00500	U	0.000040	0.00500
74-95-3	Dibromomethane	_	0.00500	U	0.000184	0.00500
75-71-8	Dichlorodifluoromethane		0.00500	U	0.000096	0.00500
100-41-4	Ethylbenzene		0.00500	U	0.000062	0.00500
37-68-3	Hexachlorobutadiene		0.00500	U	0.000690	0.00500
98-82-8	Isopropylbenzene (Cumene)		0.00500	U	0.000034	0.00500
79-20-9	Methyl Acetate		0.00500	U	0.00142	0.00500
74-88-4	Methyl iodide		0.00500	U	0.000243	0.00500
108-87-2	Methylcyclohexane		0.00500	U	0.000072	0.00500
75-09-2	Methylene chloride		0.010	U	0.000327	0.010
91-20-3	Naphthalene		0.00500	Ü	0.000081	0.00500
100-42-5	Styrene		0.00500	U	0.000050	0.00500
127-18-4	Tetrachloroethene		0.00500	Ü	0.000121	0.00500
108-88-3	Toluene		0.00500	U	0.000059	0.00500
79-01-6	Trichloroethene	_	0.00500	Ü	0.000061	0.00500
75-69-4	Trichlorofluoromethane		0.00500	Ü	0.000123	0.00500
76-13-1	Trichlorotrifluoroethane		0.00500	U	0.000127	0.00500
108-05-4	Vinyl acetate		0.00500	Ü	0.000202	0.00500
75-01-4	Vinyl chloride		0.00500	Ü	0.000093	0.00500
1330-20-7	Xylene (total)		0.010	Ü	0.000058	0.010
156-59-2	cis-1,2-Dichloroethene		0.00500	Ü	0.000061	0.00500
	The Divine Outlone		3.0000		0.00001	0.00000

SAMPLE NO.

ab Name: GC	CAL Co	ontract:					
ab Code: LA0	24 Case No.:		SAS No.:		SDG No.:	2110	11405
latrix: (soil/wate	r) Water						
ample wt/vol:	5 (g/ml) mL		Lab Sample ID:	211011405	15		
evel: (low/med)	LOW		Lab File ID: 211	10116/a8967			
Moisture: not o	dec.		Date Collected:	01/13/11	Ti	me:	1715
C Column: R1	TX-VMS-30 ID: .25	(mm	Date Received:	01/14/11			
strument ID: _N	MSV11		Date Analyzed:	01/16/11	Ti	me:	1205
oil Extract Volu	me:	(µL	Dilution Factor:	1	Ai	nalyst:	RJU
oil Aliquot Volur	me:	(µL	Prep Batch:		Aı	nalytic	al Batch: 449012
	100 M.S.	1,5					
<i>a</i>	TION UNITS: mg/L		Analytical Metho	d: SW-846	8260		
<i>a</i>		W.		d: SW-846	8260 MD	L	RL
CONCENTRAT	TION UNITS: mg/L		Analytical Metho			TTC:	RL 0.00500
CONCENTRAT CAS NO. 10061-01-5	COMPOUND		Analytical Metho	Q	MD	031	1000
CAS NO. 10061-01-5 136777-61-	COMPOUND cis-1,3-Dichloropropene		Analytical Metho	Q U	MD	031	0.00500
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3	COMPOUND cis-1,3-Dichloropropene m,p-Xylene		RESULT 0.00500 0.010	Q U U	MD 0.000	031 058 395	0.00500
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol		### Analytical Method ### RESULT 0.00500	Q U U	0.000 0.000 0.000	0031 0058 0395 0036	0.00500 0.010 0.025
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene		Analytical Metho **RESULT** 0.00500 0.010 0.025 0.00500	Q U U U U U U	0.000 0.000 0.000 0.000	0031 0058 0395 0036 0054	0.00500 0.010 0.025 0.00500
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene		Analytical Method RESULT 0.00500 0.010 0.025 0.00500 0.00500	Q U U U U U U U U U	MD 0.000 0.000 0.000 0.000	031 058 395 036 054	0.00500 0.010 0.025 0.00500 0.00500
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6 135-98-8	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene		Analytical Method RESULT 0.00500 0.010 0.025 0.00500 0.00500 0.00500	Q U U U U U U U U U	MD: 0.000 0.000 0.000 0.000 0.000	0031 0058 0395 0036 0054 0027	0.00500 0.010 0.025 0.00500 0.00500 0.00500
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6 135-98-8 1634-04-4	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene sec-Butylbenzene		Analytical Method RESULT 0.00500 0.010 0.025 0.00500 0.00500 0.00500 0.00500	Q U U U U U U U U U U	MD: 0.000 0.000 0.000 0.000 0.000 0.000	0031 0058 0395 0036 0054 0027 0026	0.00500 0.010 0.025 0.00500 0.00500 0.00500 0.00500
CONCENTRAT	cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene sec-Butylbenzene tert-Butyl methyl ether (MTBE		Analytical Method RESULT 0.00500 0.010 0.025 0.00500 0.00500 0.00500 0.00500 0.00500	Q U U U U U U U U U U U U U U U U U U U	MD: 0.000 0.000 0.000 0.000 0.000 0.000	0031 0058 0395 0036 0054 0027 0026 0051	0.00500 0.010 0.025 0.00500 0.00500 0.00500 0.00500 0.00500
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6 135-98-8 1634-04-4 98-06-6	COMPOUND cis-1,3-Dichloropropene m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene sec-Butylbenzene tert-Butyl methyl ether (MTBE		Analytical Method RESULT 0.00500 0.010 0.025 0.00500 0.00500 0.00500 0.00500 0.00500 0.00500	Q U U U U U U U U U U U U U U U U U U U	MD: 0.000 0.	0031 0058 0395 0036 0054 0027 0026 0051 0077	0.00500 0.010 0.025 0.00500 0.00500 0.00500 0.00500 0.00500

SAMPLE NO.

Lab Name: GC	CAL Contra	ict:				
	024 Case No.:					1405
Matrix: (soil/wate	er) Water					
Sample wt/vol:	5 (g/ml) mL		Lab Sample ID:	211011405	16	
evel: (low/med)			Lab File ID: 21			
6 Moisture: not			Date Collected:	NASSA ADMINISTRA		720
	SARAMAN IND. SASA		Date Collected.	01/13/11	Time: 17	20
GC Column: R	TX-VMS-30 ID: .25	(mm	Date Received:	01/14/11		
nstrument ID:	MSV11		Date Analyzed:	01/16/11	Time: 12	228
oil Extract Volu	me:	(uL			Analyst:	RJU
ioil Aliquot Volu	me:	(hr	Prep Batch:		Analytical	Batch: 449012
CONCENTRA	TION UNITS: mg/L		Analytical Metho	d: SW-846	8260	
CAS NO.	COMPOUND		RESULT	Q	MDL	RL
630-20-6 71-55-6	1,1,1,2-Tetrachloroethane		0.00500	U	0.000113	0.00500
79-34-5	1,1,2,2-Tetrachloroethane		0.00500	U	0.000106	0.00500
79-34-5	1,1,2-Trichloroethane		0.00500	U	0.000072	0.00500
75-34-3	1,1-Dichloroethane		0.00500	U	0.000095	0.00500
75-34-3 75-35-4	1,1-Dichloroethane		0.00500	U	0.000030	0.00500
563-58-6	1,1-Dichloropropene		0.00500	U	0.000164	0.00500
96-18-4	1,2,3-Trichloropropane		0.00500	U	0.000007	0.00500
120-82-1	1,2,4-Trichlorobenzene		0.00500	U	0.000100	0.00500
95-63-6	1,2,4-Trimethylbenzene		0.00500	U	0.000017	0.00500
96-12-8	1,2-Dibromo-3-chloropropane		0.00500	U	0.000082	0.00500
106-93-4	1,2-Dibromoethane		0.00500	U	0.000046	0.00500
95-50-1	1,2-Dichlorobenzene		0.00500	U	0.000078	0.00500
107-06-2	1,2-Dichloroethane	_	0.00500	U	0.000086	0.00500
78-87-5	1,2-Dichloropropane		0.00500	U	0.000064	0.00500
108-67-8	1,3,5-Trimethylbenzene		0.00500	U	0.000021	0.00500
541-73-1	1,3-Dichlorobenzene		0.00500	U	0.000098	0.00500
142-28-9	1,3-Dichloropropane		0.00500	U	0.000041	0.00500
106-46-7	1,4-Dichlorobenzene		0.00500	U	0.000118	0.00500
594-20-7	2,2-Dichloropropane		0.00500	U	0.000117	0.00500
78-93-3	2-Butanone		0.00500	U	0.000093	0.00500
110-75-8	2-Chloroethylvinyl ether		0.00500	U	0.000515	0.00500
95-49-8	2-Chlorotoluene		0.00500	U	0.000044	0.00500
591-78-6	2-Hexanone		0.00500	U	0.000503	0.00500
106-43-4	4-Chlorotoluene		0.00500	U	0.000052	0.00500
99-87-6	4-Isopropyltoluene		0.00500	U	0.000037	0.00500
108-10-1	4-Methyl-2-pentanone		0.00500	U	0.000065	0.00500
67-64-1	Acetone		0.025	U	0.00115	0.025
107-02-8	Acrolein		0.025	U	0.00169	0.025
107-13-1	Acrylonitrile		0.025	U	0.00100	0.025
71-43-2	Benzene		0.00500	U	0.000054	0.00500

SAMPLE NO.

TRIP BLANK 2

Lab Name: G0	CAL Contract	t:				
	024 Case No.:				SDG No.: 21101	1405
latrix: (soil/wate			-			
ample wt/vol:	5 (g/ml) mL		Lab Sample ID:	2110114051	6	
evel: (low/med)			Lab File ID: 21			
Moisture: not			Date Collected:	01/13/11	Time: 1	720
	2410-040 450 FEMALE (1900) (1904) (1905)	(mm	Date Received:	weeker (Assessor		
strument ID:	MOVAA	***************************************	Date Analyzed:	Control of the Contro	Time: 1	228
OII EXITAGE VOID	ıme: (Dilution Factor:			
oil Aliquot Volu	ıme: ((µL	Prep Batch:		Analytica	Batch: 449012
CONCENTRA	TION UNITS: mg/L		Analytical Metho	d: SW-846 8	260	
CAS NO.	COMPOUND		RESULT	Q	MDL	RL
108-86-1	Bromobenzene		0.00500	T U T	0.000084	0.00500
75-27-4	Bromodichloromethane		0.00500	U	0.000053	0.00500
75-25-2	Bromoform		0.00500	U	0.000104	0.00500
74-83-9	Bromomethane		0.00500	U	0.000264	0.00500
75-15-0	Carbon disulfide		0.00500	U	0.000143	0.00500
56-23-5	Carbon tetrachloride		0.00500	Ū	0.000148	0.00500
108-90-7	Chlorobenzene		0.00500	U	0.000027	0.00500
75-00-3	Chloroethane		0.00500	U	0.000351	0.00500
67-66-3	Chloroform		0.00500	U	0.000056	0.00500
74-87-3	Chloromethane		0.00500	U	0.000088	0.00500
110-82-7	Cyclohexane		0.00500	U	0.000064	0.00500
124-48-1	Dibromochloromethane		0.00500	U	0.000040	0.00500
74-95-3	Dibromomethane		0.00500	U	0.000184	0.00500
75-71-8	Dichlorodifluoromethane		0.00500	U	0.000096	0.00500
100-41-4	Ethylbenzene		0.00500	U	0.000062	0.00500
87-68-3	Hexachlorobutadiene		0.00500	U	0.000690	0.00500
98-82-8	Isopropylbenzene (Cumene)	7.00	0.00500	U	0.000034	0.00500
79-20-9	Methyl Acetate		0.00500	U	0.00142	0.00500
74-88-4	Methyl iodide		0.00500	U	0.000243	0.00500
108-87-2	Methylcyclohexane		0.00500	U	0.000072	0.00500
75-09-2	Methylene chloride		0.010	U	0.000327	0.010
91-20-3	Naphthalene		0.00500	U	0.000081	0.00500
100-42-5	Styrene		0.00500	U	0.000050	0.00500
127-18-4	Tetrachloroethene		0.00500	U	0.000121	0.00500
108-88-3	Toluene		0.00500	U	0.000059	0.00500
79-01-6	Trichloroethene		0.00500	U	0.000061	0.00500
75-69-4	Trichlorofluoromethane		0.00500	U	0.000123	0.00500
76-13-1	Trichlorotrifluoroethane		0.00500	U	0.000127	0.00500
108-05-4	Vinyl acetate		0.00500	U	0.000202	0.00500
75-01-4	Vinyl chloride		0.00500	U	0.000093	0.00500
1330-20-7	Xylene (total)		0.010	U	0.000058	0.010
156-59-2	cis-1,2-Dichloroethene		0.00500	U	0.000061	0.00500

FORM I VOA

SAMPLE NO.

ab Name: GC	AL	Contract:			_	
ab Code: LA0	24 Case No.		SAS No.:	SDG	No.: 211	011405
latrix: (soil/water	r) Water		_			-
ample wt/vol:	5 (g/ml) mL		Lab Sample ID:	21101140516		
evel: (low/med)	LOW		Lab File ID: 21	10116/a8968		
Moisture: not d	iec.		Date Collected:	01/13/11	Time:	1720
C Column: RT	TX-VMS-30 ID:	.25 (mm	Date Received:	01/14/11		
strument ID: N	MSV11		Date Analyzed:	01/16/11	Time:	1228
oil Extract Volur	me:	(µL	Dilution Factor:	1	Analys	t: RJU
		(µL	Prep Batch:		Analyti	cal Batch: 449012
oil Aliquot Volun	ne:	(pr	Frep Batch.			cai baton. 443012
CONCENTRAT	TION UNITS: mg/L	(με	Analytical Metho	d: SW-846 8260		
	*****	(рс	4005.451.453000000	d: SW-846 8260		RL 440012
CONCENTRAT	TION UNITS: mg/L		Analytical Metho			
CONCENTRAT CAS NO. 10061-01-5	TION UNITS: mg/L		Analytical Metho	Q	MDL	RL
CONCENTRAT CAS NO. 10061-01-5 136777-61-	COMPOUND cis-1,3-Dichloroprope		Analytical Metho RESULT 0.00500	Q U	MDL 0.000031	RL 0.00500
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3	COMPOUND cis-1,3-Dichloroprope m,p-Xylene		RESULT 0.00500 0.010	Q U U	MDL 0.000031 0.000058	RL 0.00500 0.010
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8	COMPOUND cis-1,3-Dichloroprope m,p-Xylene n-Butyl alcohol		RESULT 0.00500 0.010 0.025	Q U U U U U U	MDL 0.000031 0.000058 0.000395	RL 0.00500 0.010 0.025
CONCENTRAT	COMPOUND cis-1,3-Dichloroprope m,p-Xylene n-Butyl alcohol n-Butylbenzene		RESULT 0.00500 0.010 0.025 0.00500	Q U U U U U U U U U U U U U U U U U U U	MDL 0.000031 0.000058 0.000395 0.000036	RL 0.00500 0.010 0.025 0.00500
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6	COMPOUND cis-1,3-Dichloroprope m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene		Analytical Metho **RESULT** 0.00500 0.010 0.025 0.00500 0.00500	Q U U U U U U U U U U U U U U U U U U U	MDL 0.000031 0.000058 0.000395 0.000036 0.000054	RL 0.00500 0.010 0.025 0.00500 0.00500
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6 135-98-8	COMPOUND cis-1,3-Dichloroprope m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene	ene	Analytical Metho RESULT 0.00500 0.010 0.025 0.00500 0.00500 0.00500	Q U U U U U U U U U U U U U U U U U U U	MDL 0.000031 0.000058 0.000395 0.000036 0.000054 0.000027	RL 0.00500 0.010 0.025 0.00500 0.00500 0.00500
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6 135-98-8 1634-04-4	cis-1,3-Dichloroprope m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene sec-Butylbenzene	ene	Analytical Metho RESULT 0.00500 0.010 0.025 0.00500 0.00500 0.00500 0.00500	Q U U U U U U U U U U U U U U U U U U U	MDL 0.000031 0.000058 0.000395 0.000036 0.000054 0.000027 0.000026	RL 0.00500 0.010 0.025 0.00500 0.00500 0.00500 0.00500
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1	cis-1,3-Dichloroprope m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene sec-Butylbenzene tert-Butyl methyl ethe	ene er (MTBE)	Analytical Metho RESULT 0.00500 0.010 0.025 0.00500 0.00500 0.00500 0.00500 0.00500	Q U U U U U U U U U U U U U U U U U U U	MDL 0.000031 0.000058 0.000395 0.000036 0.000054 0.000027 0.000026 0.000051	RL 0.00500 0.010 0.025 0.00500 0.00500 0.00500 0.00500 0.00500
CONCENTRAT CAS NO. 10061-01-5 136777-61- 71-36-3 104-51-8 103-65-1 95-47-6 135-98-8 1634-04-4 98-06-6	cis-1,3-Dichloroprope m,p-Xylene n-Butyl alcohol n-Butylbenzene n-Propylbenzene o-Xylene sec-Butylbenzene tert-Butyl methyl ethel tert-Butylbenzene	er (MTBE)	Analytical Metho RESULT 0.00500 0.010 0.025 0.00500 0.00500 0.00500 0.00500 0.00500 0.00500	Q U U U U U U U U U U U U U U U U U U U	MDL 0.000031 0.000058 0.000395 0.000036 0.000054 0.000027 0.000026 0.000051 0.000077	RL 0.00500 0.010 0.025 0.00500 0.00500 0.00500 0.00500 0.00500 0.00500

SAMPLE NO.

Lab Name: GC	AL Cont	ract:				
.ab Code: LA0	24 Case No.:					1405
Matrix: (soil/wate	r) Water					
sample wt/vol:	5 (g/ml) mL		Lab Sample ID:	913048		
evel: (low/med)	LOW		Lab File ID: 21		33	
			_			
	dec		Date Collected:	-	Time:	
C Column: R1	TX-VMS-30 ID: .25	(mm	Date Received:			
strument ID:	MSV11		Date Analyzed:	01/16/11	Time: 10)33
oil Extract Volum	me:	(iii	Dilution Factor:			
oil Aliquot Volur	me:	(µL	Prep Batch:		Analytical	Batch: 449012
CONCENTRAT	TION UNITS: mg/L		Analytical Metho	d: SW-84	6 8260	
			DE0/# =		450	
CAS NO.	COMPOUND		RESULT	Q	MDL	RL
67-64-1	Acetone		0.025	U	0.00115	0.025
107-02-8	Acrolein		0.025	U	0.00169	0.025
107-13-1	Acrylonitrile		0.025	U	0.00100	0.025
75-27-4	Bromodichloromethane		0.00500	U	0.000053	0.00500
75-25-2	Bromoform		0.00500	U	0.000104	0.00500
74-83-9	Bromomethane		0.00500	U	0.000264	0.00500
75-15-0	Carbon disulfide		0.00500	U	0.000143	0.00500
56-23-5	Carbon tetrachloride		0.00500	U	0.000148	0.00500
75-00-3	Chloroethane		0.00500	U	0.000351	0.00500
136777-61-	m,p-Xylene		0.010	U	0.000058	0.010
67-66-3	Chloroform		0.00500	U	0.000056	0.00500
74-87-3	Chloromethane		0.00500	U	0.000088	0.00500
124-48-1	Dibromochloromethane		0.00500	U	0.000040	0.00500
74-95-3	Dibromomethane		0.00500	U	0.000184	0.00500
75-71-8	Dichlorodifluoromethane		0.00500	U	0.000096	0.00500
75-34-3	1,1-Dichloroethane		0.00500	U	0.000030	0.00500
107-06-2	1,2-Dichloroethane		0.00500	U	0.000086	0.00500
156-59-2	cis-1,2-Dichloroethene		0.00500	U	0.000061	0.00500
156-60-5	trans-1,2-Dichloroethene		0.00500	U	0.000107	0.00500
75-09-2	Methylene chloride		0.010	U	0.000327	0.010
78-87-5	1,2-Dichloropropane		0.00500	U	0.000064	0.00500
10061-01-5	cis-1,3-Dichloropropene		0.00500	U	0.000031	0.00500
10061-02-6	trans-1,3-Dichloropropene		0.00500	U	0.000054	0.00500
100-41-4	Ethylbenzene		0.00500	U	0.000062	0.00500
591-78-6	2-Hexanone		0.00500	U	0.000503	0.00500
98-82-8	Isopropylbenzene (Cumene)		0.00500	U	0.000034	0.00500
78-93-3	2-Butanone		0.00500	U	0.000093	0.00500
74-88-4	Methyl iodide		0.00500	U	0.000243	0.00500
108-10-1	4-Methyl-2-pentanone		0.00500	U	0.000065	0.00500
103-65-1	n-Propylbenzene		0.00500	U	0.000054	0.00500
100-42-5	Styrene		0.00500	U	0.000050	0.00500

SAMPLE NO.

Lab Name: GC	AL Contract:				
	24 Case No.:				1405
Matrix: (soil/wate	r) Water				
Sample wt/vol:	5 (g/ml) mL	Lab Sample ID:	913048		
_evel: (low/med)	LOW	Lab File ID: 21	10116/2896	3	
		-			
% Moisture: not o	dec	Date Collected:		Time:	
GC Column: RT	TX-VMS-30 ID: .25 (mm	Date Received:			
nstrument ID: N	MSV11	Date Analyzed:	01/16/11	Time: 1	033
Soil Extract Volur	me: (µL	Dilution Factor:			RJU
Soil Aliquot Volur	ne: (µL	Prep Batch:	-	Analytica	Batch: 449012
CONCENTRAT	TION UNITS: mg/L	Analytical Metho	od: SW-846	8 8 2 6 0	
CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	0.00500	Ιυ	0.000121	0.00500
630-20-6	1,1,1,2-Tetrachloroethane	0.00500	Ü	0.000113	0.00500
79-34-5	1,1,2,2-Tetrachloroethane	0.00500	U	0.000072	0.00500
120-82-1	1,2,4-Trichlorobenzene	0.00500	U	0.000119	0.00500
71-55-6	1,1,1-Trichloroethane	0.00500	U	0.000106	0.00500
79-00-5	1,1,2-Trichloroethane	0.00500	U	0.000095	0.00500
75-69-4	Trichlorofluoromethane	0.00500	U	0.000123	0.00500
96-18-4	1,2,3-Trichloropropane	0.00500	U	0.000100	0.00500
95-63-6	1,2,4-Trimethylbenzene	0.00500	U	0.000027	0.00500
108-67-8	1,3,5-Trimethylbenzene	0.00500	U	0.000021	0.00500
75-01-4	Vinyl chloride	0.00500	U	0.000093	0.00500
95-47-6	o-Xylene	0.00500	U	0.000027	0.00500
96-12-8	1,2-Dibromo-3-chloropropane	0.00500	U	0.000082	0.00500
106-93-4	1,2-Dibromoethane	0.00500	U	0.000046	0.00500
108-05-4	Vinyl acetate	0.00500	U	0.000202	0.00500
1634-04-4	tert-Butyl methyl ether (MTBE)	0.00500	U	0.000051	0.00500
99-87-6	4-Isopropyltoluene	0.00500	U	0.000037	0.00500
1330-20-7	Xylene (total)	0.010	U	0.000058	0.010
108-87-2	Methylcyclohexane	0.00500	U	0.000072	0.00500
110-57-6	trans-1,4-Dichloro-2-butene	0.00500	U	0.000329	0.00500
110-82-7	Cyclohexane	0.00500	U	0.000064	0.00500
594-20-7	2,2-Dichloropropane	0.00500	U	0.000117	0.00500
79-20-9	Methyl Acetate	0.00500	U	0.00142	0.00500
76-13-1	Trichlorotrifluoroethane	0.00500	U	0.000127	0.00500
563-58-6	1,1-Dichloropropene	0.00500	U	0.000067	0.00500
110-75-8	2-Chloroethylvinyl ether	0.00500	U	0.000515	0.00500
142-28-9	1,3-Dichloropropane	0.00500	U	0.000041	0.00500
108-86-1	Bromobenzene	0.00500	U	0.000084	0.00500
95-49-8	2-Chlorotoluene	0.00500	U	0.000044	0.00500
106-43-4	4-Chlorotoluene	0.00500	U	0.000052	0.00500
98-06-6	tert-Butylbenzene	0.00500	U	0.000077	0.00500
135-98-8	sec-Butylbenzene	0.00500	U	0.000026	0.00500

SAMPLE NO.

	CAL C					
ab Code: LA	024 Case No.:		SAS No.:		SDG No.: 2110	11405
fatrix: (soil/wate	er) Water					
Sample wt/vol:	5 (g/ml) mL		Lab Sample ID:	913048		
evel: (low/med) LOW		Lab File ID: 21	10116/a8963	3	
Moisture: not	dec.		Date Collected:		Time:	
	RTX-VMS-30 ID: .25		Date Received:			
nstrument ID:	MSV11		Date Analyzed:			1033
Soil Extract Volu	ume:	(µL	Dilution Factor:	1	Analyst:	RJU
Soil Aliquot Volu	ume:	(µL	Prep Batch:		Analytica	al Batch: 449012
	TION UNITS: mg/L	(µL	Prep Batch: Analytical Metho			al Batch: 449012
		(µL		d: SW-846		al Batch: 449012
CONCENTRA	TION UNITS: mg/L	(рL	Analytical Metho	d: SW-846	8260	
CONCENTRA	TION UNITS: mg/L COMPOUND	(рС	Analytical Metho	d: SW-846	8260 MDL	RL
CAS NO. 541-73-1 106-46-7	COMPOUND 1,3-Dichlorobenzene	(µL	Analytical Metho RESULT 0.00500	Q U	MDL 0.000098	RL 0.00500
CAS NO. 541-73-1 106-46-7 104-51-8	COMPOUND 1,3-Dichlorobenzene 1,4-Dichlorobenzene	(µL	Analytical Metho **RESULT** 0.00500 0.00500	Q U U	MDL 0.000098 0.000118	RL 0.00500 0.00500
CAS NO. 541-73-1 106-46-7	COMPOUND 1,3-Dichlorobenzene 1,4-Dichlorobenzene n-Butylbenzene	(µL	Analytical Metho **RESULT** 0.00500 0.00500 0.00500	Q U U U	MDL 0.000098 0.000118 0.000036	RL 0.00500 0.00500 0.00500
CONCENTRA CAS NO. 541-73-1 106-46-7 104-51-8 95-50-1	COMPOUND 1,3-Dichlorobenzene 1,4-Dichlorobenzene n-Butylbenzene 1,2-Dichlorobenzene	(µL	Analytical Metho RESULT 0.00500 0.00500 0.00500 0.00500	Q U U U U U U	MDL 0.000098 0.000118 0.000036 0.000078	RL 0.00500 0.00500 0.00500 0.00500
CONCENTRA CAS NO. 541-73-1 106-46-7 104-51-8 95-50-1 87-68-3	COMPOUND 1,3-Dichlorobenzene 1,4-Dichlorobenzene n-Butylbenzene 1,2-Dichlorobenzene Hexachlorobutadiene	(µL	Analytical Metho RESULT 0.00500 0.00500 0.00500 0.00500 0.00500	Q U U U U U U U U	MDL 0.000098 0.000118 0.000036 0.000078 0.000690	RL 0.00500 0.00500 0.00500 0.00500 0.00500
CONCENTRA CAS NO. 541-73-1 106-46-7 104-51-8 95-50-1 87-68-3 91-20-3	COMPOUND 1,3-Dichlorobenzene 1,4-Dichlorobenzene n-Butylbenzene 1,2-Dichlorobenzene Hexachlorobutadiene Naphthalene	(µL	Analytical Metho RESULT 0.00500 0.00500 0.00500 0.00500 0.00500 0.00500	Q U U U U U U U U U U	MDL 0.00098 0.000118 0.000078 0.000690 0.000081	RL 0.00500 0.00500 0.00500 0.00500 0.00500 0.00500
CONCENTRA CAS NO. 541-73-1 106-46-7 104-51-8 95-50-1 87-68-3 91-20-3 71-36-3	COMPOUND 1,3-Dichlorobenzene 1,4-Dichlorobenzene n-Butylbenzene 1,2-Dichlorobenzene Hexachlorobutadiene Naphthalene n-Butyl alcohol	(µL	Analytical Metho RESULT 0.00500 0.00500 0.00500 0.00500 0.00500 0.00500 0.00500	Q U U U U U U U U U U U U U U U U U U U	MDL 0.00098 0.000118 0.000078 0.000690 0.000081 0.000395	RL 0.00500 0.00500 0.00500 0.00500 0.00500 0.00500 0.00500 0.00500
CONCENTRA CAS NO. 541-73-1 106-46-7 104-51-8 95-50-1 87-68-3 91-20-3 71-36-3 75-35-4	COMPOUND 1,3-Dichlorobenzene 1,4-Dichlorobenzene n-Butylbenzene 1,2-Dichlorobenzene Hexachlorobutadiene Naphthalene n-Butyl alcohol 1,1-Dichloroethene	(µL	Analytical Metho RESULT 0.00500 0.00500 0.00500 0.00500 0.00500 0.00500 0.00500 0.025 0.00500	Q U U U U U U U U U U U U U U U U U U U	MDL 0.000098 0.000118 0.000036 0.000078 0.000690 0.000081 0.000395 0.000164	RL 0.00500 0.00500 0.00500 0.00500 0.00500 0.00500 0.00500 0.00500
CONCENTRA CAS NO. 541-73-1 106-46-7 104-51-8 95-50-1 87-68-3 91-20-3 71-36-3 75-35-4 71-43-2	COMPOUND 1,3-Dichlorobenzene 1,4-Dichlorobenzene n-Butylbenzene 1,2-Dichlorobenzene Hexachlorobutadiene Naphthalene n-Butyl alcohol 1,1-Dichloroethene Benzene	(µL	Analytical Metho RESULT 0.00500 0.00500 0.00500 0.00500 0.00500 0.00500 0.025 0.00500 0.00500	Q U U U U U U U U U U U U U U U U U U U	MDL 0.000098 0.000118 0.000036 0.000078 0.000690 0.000081 0.000395 0.000164 0.000054	RL 0.00500 0.00500 0.00500 0.00500 0.00500 0.00500 0.025 0.00500 0.00500

SAMPLE NO.

Lab Name: GC	CAL Cont	ract:			-	
	24 Case No.:					405
Matrix: (soil/wate						
Sample wt/vol:	5 (g/ml) g		Lab Sample ID:	913051		
evel: (low/med)	1000		Lab Eila ID: 24:		64	
6 Moisture: not o					Time:	
		8	Commission and Ass. Sec. 2011		Time.	
SC Column: R1	TX-VMS-30 ID: .25	(mm	Date Received:			
nstrument ID: _	MSV11		Date Analyzed:	01/16/11	Time: 10)55
oil Extract Volu	me:	(µL	Dilution Factor:	50	Analyst:	RJU
						Patah: 440013
oli Aliquot Volui	me:	(hr	Prep Batch:		Analytical	Batch: 449013
CONCENTRAT	TION UNITS: mg/kg		Analytical Metho	d: SW-84	6 8260	
						-
CAS NO.	COMPOUND		RESULT	Q	MDL	RL
67-64-1	Acetone		1.25	U	0.053	1.25
107-02-8	Acrolein		1.25	U	0.100	1.25
107-13-1	Acrylonitrile		1.25	U	0.054	1.25
75-27-4	Bromodichloromethane		0.250	U	0.00750	0.250
75-25-2	Bromoform		0.250	U	0.012	0.250
74-83-9	Bromomethane		0.250	U	0.073	0.250
75-15-0	Carbon disulfide		0.250	U	0.023	0.250
56-23-5	Carbon tetrachloride		0.250	U	0.012	0.250
75-00-3	Chloroethane		0.250	U	0.033	0.250
136777-61-	m,p-Xylene		0.250	U	0.025	0.250
67-66-3	Chloroform		0.250	U	0.012	0.250
74-87-3	Chloromethane		0.250	U	0.038	0.250
124-48-1	Dibromochloromethane		0.250	U	0.00700	0.250
74-95-3	Dibromomethane		0.250	U	0.016	0.250
75-71-8	Dichlorodifluoromethane		0.250	U	0.00555	0.250
75-34-3	1,1-Dichloroethane		0.250	U	0.017	0.250
107-06-2	1,2-Dichloroethane		0.250	U	0.00655	0.250
156-59-2	cis-1,2-Dichloroethene		0.250	U	0.00860	0.250
156-60-5	trans-1,2-Dichloroethene		0.250	U	0.010	0.250
75-09-2	Methylene chloride		0.500	U	0.017	0.500
78-87-5	1,2-Dichloropropane		0.250	U	0.00540	0.250
10061-01-5	cis-1,3-Dichloropropene		0.250	U	0.00725	0.250
10061-02-6	trans-1,3-Dichloropropene		0.250	U	0.011	0.250
100-41-4	Ethylbenzene		0.250	U	0.010	0.250
591-78-6	2-Hexanone		0.250	U	0.017	0.250
98-82-8	Isopropylbenzene (Cumene)		0.250	U	0.00975	0.250
78-93-3	2-Butanone		0.250	U	0.030	0.250
74-88-4	Methyl iodide		0.250	U	0.066	0.250
108-10-1	4-Methyl-2-pentanone		0.250	U	0.017	0.250
103-65-1	n-Propylbenzene		0.250	U	0.014	0.250
100-42-5	Styrene		0.250	U	0.013	0.250

SAMPLE NO.

Lab Name: GC	CAL Contrac	zt:				
ab Code: LA0	024 Case No.:		SAS No.:		SDG No.: 21101	1405
fatrix: (soil/wate	er) Solid					
sample wt/vol:	5 (g/ml) g		Lab Sample ID:	913051		
evel: (low/med)	1014		Lab File ID: 21			
	20		_		100	
	dec		Date Collected:		Time.	
C Column: R	TX-VMS-30 ID: .25	(mm	Date Received:			
strument ID: _!	MSV11		Date Analyzed:	01/16/11	Time: 1	055
oil Extract Volu	ime:	(µL	Dilution Factor:	50	Analyst:	RJU
oli Aliquot Volu	me:	(µL	Prep Batch:		Analytica	Batch: 449013
CONCENTRA	TION UNITS: mg/kg		Analytical Metho	d: SW-846	8260	
CAS NO.	COMPOUND		RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene		0.250	TU	0.010	0.250
630-20-6	1.1.1.2-Tetrachloroethane		0.250	U	0.00525	0.250
79-34-5	1,1,2,2-Tetrachloroethane	_	0.250	U	0.014	0.250
120-82-1	1,2,4-Trichlorobenzene		0.250	U	0.015	0.250
71-55-6	1,1,1-Trichloroethane		0.250	U	0.012	0.250
79-00-5	1,1,2-Trichloroethane		0.250	Ü	0.012	0.250
75-69-4	Trichlorofluoromethane		0.250	U	0.00670	0.250
96-18-4	1,2,3-Trichloropropane		0.100	U	0.017	0.100
95-63-6	1,2,4-Trimethylbenzene		0.250	U	0.015	0.250
108-67-8	1,3,5-Trimethylbenzene		0.250	U	0.012	0.250
75-01-4	Vinyl chloride		0.250	U	0.00675	0.250
95-47-6	o-Xylene		0.250	U	0.00945	0.250
96-12-8	1,2-Dibromo-3-chloropropane		0.250	U	0.040	0.250
106-93-4	1,2-Dibromoethane		0.250	U	0.012	0.250
108-05-4	Vinyl acetate		0.250	U	0.011	0.250
1634-04-4	tert-Butyl methyl ether (MTBE)		0.250	U	0.00835	0.250
99-87-6	4-Isopropyltoluene		0.250	U	0.013	0.250
1330-20-7	Xylene (total)		0.500	U	0.034	0.500
108-87-2	Methylcyclohexane		0.250	U	0.00820	0.250
110-57-6	trans-1,4-Dichloro-2-butene		0.250	U	0.028	0.250
110-82-7	Cyclohexane		0.250	U	0.00880	0.250
594-20-7	2,2-Dichloropropane		0.250	U	0.058	0.250
79-20-9	Methyl Acetate		0.250	Ü	0.017	0.250
76-13-1	Trichlorotrifluoroethane		0.250	U	0.058	0.250
563-58-6	1,1-Dichloropropene		0.250	U	0.010	0.250
110-75-8	2-Chloroethylvinyl ether		0.250	U	0.012	0.250
142-28-9	1,3-Dichloropropane		0.250	U	0.00895	0.250
108-86-1	Bromobenzene		0.250	U	0.015	0.250
95-49-8	2-Chlorotoluene		0.250	U	0.013	0.250
106-43-4	4-Chlorotoluene		0.250	U	0.015	0.250
						1/2/2/2015/201
98-06-6	tert-Butylbenzene		0.250	U	0.012	0.250

SAMPLE NO.

	CAL	Contract:				
ab Code: LAC	Case No.:		SAS No.:		SDG No.: 211	011405
Matrix: (soil/wate	er) Solid					
Sample wt/vol:	5 (g/ml) g		Lab Sample ID:	913051		
	LOW			10116/a8964		
	dec.				Time:	
	TX-VMS-30 ID: .25					
nstrument ID:			Date Analyzed:			
Soil Extract Volu	ime:	(µL	Dilution Factor:	50	Analys	st: RJU
	ime:		Prep Batch:		Analyt	ical Batch: 449013
	TION UNITS: mg/kg		Analytical Metho	d: SW-846 8	260	-
			Analytical Metho		MDL	RL
CONCENTRA	TION UNITS: mg/kg					RL 0.250
CAS NO.	TION UNITS: mg/kg COMPOUND		RESULT	Q	MDL	
CAS NO. 541-73-1 106-46-7	COMPOUND 1,3-Dichlorobenzene		RESULT 0.250	Q	MDL 0.016	0.250
CAS NO. 541-73-1 106-46-7 104-51-8	COMPOUND 1,3-Dichlorobenzene 1,4-Dichlorobenzene		0.250 0.250	Q U U	MDL 0.016 0.021	0.250 0.250
CONCENTRA CAS NO. 541-73-1	COMPOUND 1,3-Dichlorobenzene 1,4-Dichlorobenzene n-Butylbenzene		0.250 0.250 0.250	Q U U	MDL 0.016 0.021 0.017	0.250 0.250 0.250
CAS NO. 541-73-1 106-46-7 104-51-8 95-50-1	COMPOUND 1,3-Dichlorobenzene 1,4-Dichlorobenzene n-Butylbenzene 1,2-Dichlorobenzene		0.250 0.250 0.250 0.250 0.250	Q U U U	MDL 0.016 0.021 0.017 0.016	0.250 0.250 0.250 0.250
CONCENTRA CAS NO. 541-73-1 106-46-7 104-51-8 95-50-1 87-68-3	COMPOUND 1,3-Dichlorobenzene 1,4-Dichlorobenzene n-Butylbenzene 1,2-Dichlorobenzene Hexachlorobutadiene		0.250 0.250 0.250 0.250 0.250 0.250	Q U U U U U U U U	MDL 0.016 0.021 0.017 0.016 0.012	0.250 0.250 0.250 0.250 0.250
CONCENTRA CAS NO. 541-73-1 106-46-7 104-51-8 95-50-1 87-68-3 91-20-3	COMPOUND 1,3-Dichlorobenzene 1,4-Dichlorobenzene n-Butylbenzene 1,2-Dichlorobenzene Hexachlorobutadiene Naphthalene		0.250 0.250 0.250 0.250 0.250 0.250 0.250	Q U U U U U U U U U U U U U U U U U U U	MDL 0.016 0.021 0.017 0.016 0.012 0.041	0.250 0.250 0.250 0.250 0.250 0.250
CONCENTRA CAS NO. 541-73-1 106-46-7 104-51-8 95-50-1 87-68-3 91-20-3 71-36-3	COMPOUND 1,3-Dichlorobenzene 1,4-Dichlorobenzene n-Butylbenzene 1,2-Dichlorobenzene Hexachlorobutadiene Naphthalene n-Butyl alcohol		0.250 0.250 0.250 0.250 0.250 0.250 0.250 0.250	Q U U U U U U U U U U U U U U U U U U U	MDL 0.016 0.021 0.017 0.016 0.012 0.041 0.915	0.250 0.250 0.250 0.250 0.250 0.250 0.250
CAS NO. 541-73-1 106-46-7 104-51-8 95-50-1 87-68-3 91-20-3 71-36-3 75-35-4	COMPOUND 1,3-Dichlorobenzene 1,4-Dichlorobenzene n-Butylbenzene 1,2-Dichlorobenzene Hexachlorobutadiene Naphthalene n-Butyl alcohol 1,1-Dichloroethene		0.250 0.250 0.250 0.250 0.250 0.250 0.250 1.25 0.250	Q U U U U U U U U U U U U U U U U U U U	MDL 0.016 0.021 0.017 0.016 0.012 0.041 0.915 0.033	0.250 0.250 0.250 0.250 0.250 0.250 1.25 0.250
CONCENTRA CAS NO. 541-73-1 106-46-7 104-51-8 95-50-1 87-68-3 91-20-3 71-36-3 75-35-4 71-43-2	COMPOUND 1,3-Dichlorobenzene 1,4-Dichlorobenzene n-Butylbenzene 1,2-Dichlorobenzene Hexachlorobutadiene Naphthalene n-Butyl alcohol 1,1-Dichloroethene Benzene		0.250 0.250 0.250 0.250 0.250 0.250 0.250 1.25 0.250	Q U U U U U U U U U U U U U U U U U U U	MDL 0.016 0.021 0.017 0.016 0.012 0.041 0.915 0.033 0.00685	0.250 0.250 0.250 0.250 0.250 0.250 1.25 0.250 0.250

SAMPLE NO.

Lab Name: GC	AL Contra	act:				
ab Code: LA0	24 Case No.:		SAS No.:		SDG No.: 2110	011405
Matrix: (soil/water	r) Solid					
Sample wt/vol:	5 (g/ml) g		Lab Sample ID:	913705		
	LOW			10118p/k99	909	
	dec.				Time:	
			Date Received:			
	TX-VMS-30 ID: .25	(mm				STAGES
nstrument ID: _M	MSV5		Date Analyzed:	01/18/11	Time:	1455
oil Extract Volum	me:	(µL	Dilution Factor:	50	Analys	t: CLH
oil Aliquot Volur	me:	(µL	Prep Batch:		Analyti	cal Batch: 449157
7,						
CONCENTRAT	TION UNITS: mg/kg		Analytical Metho	u. 3VV-84	0 0200	
CAS NO.	COMPOUND		RESULT	Q.	MDL	RL
67-64-1	Acetone		1.25	TU	0.053	1.25
107-02-8	Acrolein		1.25	U	0.100	1.25
107-13-1	Acrylonitrile		1.25	U	0.054	1.25
75-27-4	Bromodichloromethane		0.250	U	0.00750	0.250
75-25-2	Bromoform		0.250	U	0.012	0.250
74-83-9	Bromomethane		0.250	U	0.073	0.250
75-15-0	Carbon disulfide		0.250	U	0.023	0.250
56-23-5	Carbon tetrachloride		0.250	U	0.012	0.250
75-00-3	Chloroethane		0.250	U	0.033	0.250
136777-61-	m,p-Xylene		0.250	U	0.025	0.250
67-66-3	Chloroform		0.250	U	0.012	0.250
74-87-3	Chloromethane		0.250	U	0.038	0.250
124-48-1	Dibromochloromethane		0.250	U	0.00700	0.250
74-95-3	Dibromomethane		0.250	U	0.016	0.250
75-71-8	Dichlorodifluoromethane		0.250	U	0.00555	0.250
75-34-3	1,1-Dichloroethane		0.250	U	0.017	0.250
107-06-2	1,2-Dichloroethane		0.250	U	0.00655	0.250
156-59-2	cis-1,2-Dichloroethene		0.250	U	0.00860	0.250
156-60-5	trans-1,2-Dichloroethene		0.250	U	0.010	0.250
75-09-2	Methylene chloride		0.500	U	0.017	0.500
78-87-5	1,2-Dichloropropane		0.250	U	0.00540	0.250
10061-01-5	cis-1,3-Dichloropropene		0.250	U	0.00725	0.250
10061-02-6	trans-1,3-Dichloropropene		0.250	U	0.011	0.250
100-41-4	Ethylbenzene		0.250	U	0.010	0.250
591-78-6	2-Hexanone		0.250	U	0.017	0.250
98-82-8	Isopropylbenzene (Cumene)		0.250	U	0.00975	0.250
78-93-3	2-Butanone		0.250	U	0.030	0.250
74-88-4	Methyl iodide		0.250	U	0.066	0.250
108-10-1	4-Methyl-2-pentanone		0.250	U	0.017	0.250
103-65-1	n-Propylbenzene		0.250	U	0.014	0.250
100-42-5	Styrene		0.250	U	0.013	0.250

SAMPLE NO.

MB913705

Lab Name: GC	CAL Contrac	at:			
ab Code: LA0	24 Case No.:			SDG No.: 211011	405
latrix: (soil/wate	r) Solid				
ample wt/vol:	5 (g/ml) g	Lab Sample II	D: 913705		
evel: (low/med)		Lab File ID:	2110118p/k990	9	
	2.000.000	- Company of the Company	j:		
	dec				
C Column: R1	TX-VMS-30 ID: .25	(mm Date Received	i:		
strument ID: N	MSV5	Date Analyzed	1: 01/18/11	Time: 14	55
oil Extract Volum	me:	(µL Dilution Factor	: 50	Analyst:	CLH
oii Aliquot Volur	me:	(µL Prep Batch:	_	Analytical	Batch: 449157
CONCENTRAT	TION UNITS: mg/kg	Analytical Met	hod: SW-846	8260	
CAS NO.	COMPOUND	RESULT	Q	MDL	RL
127-18-4	Tetrachloroethene	0.250	U	0.010	0.250
630-20-6	1,1,1,2-Tetrachloroethane	0.250	U	0.00525	0.250
79-34-5	1,1,2,2-Tetrachloroethane	0.250	U	0.014	0.250
120-82-1	1,2,4-Trichlorobenzene	0.250	U	0.015	0.250
71-55-6	1,1,1-Trichloroethane	0.250	U	0.012	0.250
79-00-5	1,1,2-Trichloroethane	0.250	U	0.012	0.250
75-69-4	Trichlorofluoromethane	0.250	U	0.00670	0.250
96-18-4	1,2,3-Trichloropropane	0.100	U	0.017	0.100
95-63-6	1,2,4-Trimethylbenzene	0.250	U	0.015	0.250
108-67-8	1,3,5-Trimethylbenzene	0.250	U	0.012	0.250
75-01-4	Vinyl chloride	0.250	U	0.00675	0.250
95-47-6	o-Xylene	0.250	U	0.00945	0.250
96-12-8	1,2-Dibromo-3-chloropropane	0.250	U	0.040	0.250
106-93-4	1,2-Dibromoethane	0.250	U	0.012	0.250
108-05-4	Vinyl acetate	0.250	U	0.011	0.250
1634-04-4	tert-Butyl methyl ether (MTBE)	0.250	U	0.00835	0.250
99-87-6	4-Isopropyltoluene	0.250	U	0.013	0.250
1330-20-7	Xylene (total)	0.500	U	0.034	0.500
108-87-2	Methylcyclohexane	0.250	U	0.00820	0.250
110-57-6	trans-1,4-Dichloro-2-butene	0.250	U	0.028	0.250
110-82-7	Cyclohexane	0.250	U	0.00880	0.250
594-20-7	2,2-Dichloropropane	0.250	U	0.058	0.250
79-20-9	Methyl Acetate	0.250	U	0.017	0.250
76-13-1	Trichlorotrifluoroethane	0.250	U	0.058	0.250
563-58-6	1,1-Dichloropropene	0.250	U	0.010	0.250
110-75-8	2-Chloroethylvinyl ether	0.250	U	0.012	0.250
142-28-9	1,3-Dichloropropane	0.250	U	0.00895	0.250
108-86-1	Bromobenzene	0.250	U	0.015	0.250
95-49-8	2-Chlorotoluene	0.250	U	0.013	0.250
106-43-4	4-Chlorotoluene	0.250	U	0.015	0.250
98-06-6	tert-Butylbenzene	0.250	U	0.012	0.250

FORM I VOA

SAMPLE NO.

Lab Name: Go	CAL		Contract:					
ab Code: LA	024	Case No.:		SAS No.:		SDG No.:	2110114	05
Matrix: (soil/wate	er) Solid							
ample wt/vol:	5 (g/n	nl) g		Lab Sample ID:	913705			
	I) LOW				10118p/k99	909		
	dec.					т	ime:	
	RTX-VMS-30							
nstrument ID:	MSV5							55
oil Extract Volu	ume:				50	A	nalyst: C	CLH
oil Aliquot Volu	ume:		(µL	Prep Batch:		A	nalytical B	Batch: 449157
8 /	ation units:		(µl	Prep Batch: Analytical Metho		UT-11-0-1-1-0-1-0-1	nalytical B	3atch: 449157
8 /		mg/kg	(µl		od: SW-84	UT-11-0-1-1-0-1-0-1	-	8atch: 449157
CONCENTRA	ATION UNITS:	mg/kg VD	(µl	Analytical Metho	od: SW-84	6 8260	oL _	
CONCENTRA	COMPOUN	mg/kg ND obenzene	(րև	Analytical Metho	Q SW-84	6 8260 MD	DL 16	RL
CAS NO. 541-73-1 106-46-7	COMPOUNTS:	mg/kg VD obenzene obenzene	(µl	RESULT 0.250	Q U	6 8260 MD	0L 116 21	<i>RL</i> 0.250
CONCENTRA CAS NO. 541-73-1	COMPOUNTS: 1,3-Dichloro	mg/kg ND obenzene obenzene	(µl	### Analytical Method #### RESULT 0.250 0.250	Q U U	6 8260 MD 0.0	DL 116 121 117	RL 0.250 0.250
CAS NO. 541-73-1 106-46-7 104-51-8 95-50-1	COMPOUNTS: 1,3-Dichloro 1,4-Dichloro n-Butylbenz	mg/kg VD obenzene obenzene ene obenzene	(µl	RESULT 0.250 0.250 0.250 0.250	Q U U U U U U	0.0 0.0 0.0	DL 116 221 117	RL 0.250 0.250 0.250
CAS NO. 541-73-1 106-46-7 104-51-8	COMPOUNTS: 1,3-Dichloro 1,4-Dichloro n-Butylbenz 1,2-Dichloro	mg/kg ND obenzene obenzene ene obenzene obenzene obenzene obenzene	(µl	RESULT 0.250 0.250 0.250 0.250 0.250	Q U U U U U U	6 8260 MD 0.0 0.0 0.0 0.0	DL 116 121 117 116	RL 0.250 0.250 0.250 0.250
CONCENTRA CAS NO. 541-73-1 106-46-7 104-51-8 95-50-1 87-68-3 91-20-3	COMPOUNTS: 1,3-Dichloro 1,4-Dichloro n-Butylbenz 1,2-Dichloro Hexachlorot	mg/kg ND obenzene obenzene ene obenzene obenzene obenzene obenzene obenzene	(µl	RESULT 0.250 0.250 0.250 0.250 0.250 0.250	Q U U U U U U U U	0.0 0.0 0.0 0.0 0.0	DL 116 21 117 116 112 41	RL 0.250 0.250 0.250 0.250 0.250
CONCENTRA CAS NO. 541-73-1 106-46-7 104-51-8 95-50-1 87-68-3 91-20-3 71-36-3	COMPOUNTS: 1,3-Dichloro 1,4-Dichloro n-Butylbenz 1,2-Dichloro Hexachlorot Naphthalene	mg/kg ND obenzene obenzene ene obenzene obenzene obenzene obenzene obenzene	(µl	RESULT 0.250 0.250 0.250 0.250 0.250 0.250 0.250 0.250	Q U U U U U U U U U	MD 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	DL 116 21 117 116 112 41	RL 0.250 0.250 0.250 0.250 0.250 0.250 0.250
CONCENTRA CAS NO. 541-73-1 106-46-7 104-51-8 95-50-1 87-68-3 91-20-3 71-36-3 75-35-4	COMPOUNTS: 1,3-Dichloro 1,4-Dichloro n-Butylbenz 1,2-Dichloro Hexachlorot Naphthalene n-Butyl alco	mg/kg ND obenzene obenzene ene obenzene obenzene obenzene obenzene obenzene	(µl	RESULT 0.250 0.250 0.250 0.250 0.250 0.250 0.250 1.25	Q U U U U U U U U U	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	DL 116 21 17 116 112 141 115 133	RL 0.250 0.250 0.250 0.250 0.250 0.250 0.250 1.25
CAS NO. 541-73-1 106-46-7 104-51-8 95-50-1 87-68-3	1,3-Dichloro 1,4-Dichloro n-Butylbenz 1,2-Dichloro Hexachlorot Naphthaleno n-Butyl alco 1,1-Dichloro	mg/kg ND Obbenzene	(µl	Analytical Method RESULT 0.250 0.250 0.250 0.250 0.250 0.250 1.25 0.250	Q U U U U U U U U U U U U U U U U U U U	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	DL 116 21 117 116 112 141 115 133 1685	0.250 0.250 0.250 0.250 0.250 0.250 0.250 1.25 0.250
CONCENTRA CAS NO. 541-73-1 106-46-7 104-51-8 95-50-1 87-68-3 91-20-3 71-36-3 75-35-4 71-43-2	1,3-Dichloro 1,4-Dichloro n-Butylbenz 1,2-Dichloro Hexachlorot Naphthalene n-Butyl alco 1,1-Dichloro Benzene	mg/kg ND Obbenzene	(µl	Analytical Method RESULT 0.250 0.250 0.250 0.250 0.250 0.250 1.25 0.250 0.250 0.250	Q U U U U U U U U U U U U U U U U U U U	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0L 116 21 117 116 112 41 115 133 6885	0.250 0.250 0.250 0.250 0.250 0.250 0.250 1.25 0.250 0.250

2A WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name:	GCAL		Contract:				
Lab Code:	LA024	Case No.:	SAS No.:	SDG No.:	211011405		

Method: SW-846 8260

SAMPLE NO.	SMC1	#	SMC2	#	SMC3	#	SMC4	#	TOT
EQUIPMENT BLANK	97	П	99	П	102		96	П	0
TRIP BLANK 1	96	T	99	\top	100		94	П	0
TRIP BLANK 2	95	\Box	98	\top	100		95	П	0
LCS913049	102	\Box	100	\Box	97		96	П	0
LCSD913050	102	\Box	100	\top	97		97	П	0
MB913048	98	\top	100	\Box	99		95	П	0

QC LIMITS SMC 1 4-Bromofluorobenzene 78 - 130

SMC 2 Dibromofluoromethane 77 - 127

SMC 3 Toluene-d8 76 - 134 SMC 4 1,2-Dichloroethane-d4 71 - 127

Column to be used to flag recovery values

^{*} Values outside of contract required QC limits

2B SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name	: GCAL		Contract:		
Lab Code:	LA024	Case No.:	SAS No.:	SDG No.:	211011405
Method:	SW-846 8260				

SAMPLE NO.	SMC1	#	SMC2	#	SMC3	#	SMC4	#	TOT
T-15-F	106	TI	98	П	98	П	93	П	0
T-15-F MS	103	\top	100	П	96	\top	96	\top	0
T-15-F MSD	101	\top	100	П	97	Т	99	\top	0
Г-21-F	104	\top	97	П	98	Т	97	\top	0
NC-0-0.3	106	\top	95	П	97		96	\top	0
Γ-2-WEST	99	\top	102	П	99	\top	102	\top	0
T-6-FLOOR	102	\top	97	П	99	\top	97	\top	0
T-6-EAST	104	\top	98	П	99	\top	98	\top	0
r-6-SOUTH	100	\top	98	П	99	П	96	\top	0
T-6-NORTH	105	\Box	97	П	96		97	П	0
BLIND DUP	103	\top	98	П	99	П	97	\Box	0
SC-W	106	\top	96	П	96	\top	95	\top	0
SC-E	106	\top	97	П	97	\top	96	\top	0
LCS913052	102	\top	100	П	97	\top	96	\top	0
LCS913706	103	\top	99	П	96		101	\Box	0
LCSD913053	102	\top	100	П	97		97	\top	0
LCSD913707	104	\Box	102	П	99	Т	100	\Box	0
MB913051	102	\Box	96	П	97	Т	94	\Box	0
MB913705	98	\top	101	\Box	99	\top	102	\top	0

QC LIMITS

SMC 1	4-Bromofluorobenzene	62		127
SMC 2	Dibromofluoromethane	65		130
SMC 3	Toluene-d8	71		132
SMC 4	1,2-Dichloroethane-d4	62	-	125

[#] Column to be used to flag recovery values

^{*} Values outside of contract required QC limits

Lab Name: GCAL		Co	ontract:		
Lab Code: LA024	Case No.:	SA	AS No.:	SDG No.:	211011405
Analytical Batch: 449012					
SAMPLE NO. : 913049 COMPOUND	SPIKE UNITS ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS % REC #	QC. LIMITS
1,1,1,2-Tetrachloroethane	mg/L .05	1 0	.049	98	75 - 124
1,1,1-Trichloroethane	mg/L .05	0	.046	93	76 - 126
1.1.2.2-Tetrachloroethane	mg/L .05	0	.058	116	70 - 122
1,1,2-Trichloroethane	mg/L .05	0	.047	94	72 - 121
1,1-Dichloroethane	mg/L .05	0	.047	94	74 - 127
1,1-Dichloroethene	mg/L .05	0	.046	93	69 - 129
1,1-Dichloropropene	mg/L .05	0	.047	94	72 - 131
1,2,3-Trichloropropane	mg/L .05	0	.05	100	70 - 120
1,2,4-Trichlorobenzene	mg/L .05	0	.05	100	61 - 135
1,2,4-Trimethylbenzene	mg/L .05	0	.048	97	74 - 125
1,2-Dibromo-3-chloropropane	mg/L .05	0	.056	112	57 - 121
1,2-Dibromoethane	mg/L .05	0	.047	94	70 - 124
1,2-Dichlorobenzene	mg/L .05	0	.05	100	71 - 126
1,2-Dichloroethane	mg/L .05	0	.047	93	71 - 129
1,2-Dichloropropane	mg/L .05	0	.047	94	72 - 128
1,3,5-Trimethylbenzene	mg/L .05	0	.049	97	71 - 132
1,3-Dichlorobenzene	mg/L .05	0	.049	98	74 - 126
1,3-Dichloropropane	mg/L .05	0	.047	94	74 - 122
1,4-Dichlorobenzene	mg/L .05	0	.049	98	72 - 122
2,2-Dichloropropane	mg/L .05	0	.047	95	77 - 124
2-Butanone	mg/L .05	0	.056	112	58 - 137
2-Chloroethylvinyl ether	mg/L .05	0	.042	84	56 - 124
2-Chlorotoluene	mg/L .05	0	.049	99	72 - 127
2-Hexanone	mg/L .05	0	.061	121	50 - 135
4-Chlorotoluene	mg/L .05	0	.049	98	75 - 126
4-Isopropyltoluene	mg/L .05	0	.048	96	71 - 129
4-Methyl-2-pentanone	mg/L .05	0	.053	106	57 - 132
Acetone	mg/L .05	0	.057	114	44 - 156
Acrolein	mg/L .25	0	.311	124	30 - 160
Acrylonitrile	mg/L .25	0	.258	103	64 - 137
Benzene	mg/L .05	0	.047	93	70 - 129
Bromobenzene	mg/L .05	0	.049	97	71 - 120
Bromodichloromethane	mg/L .05	0	.047	95	74 - 125
Bromoform	mg/L .05	0	.054	107	64 - 122
Bromomethane	mg/L .05	0	.045	91	47 - 138

RPD : 0 out of 74 outside limits

Spike Recovery: 0 out of 148 outside limits

[#] Column to be used to flag recovery and RPD values with an asterisk

^{*} Values outside of QC limits

Lab Name: GCAL			Contract:					
Lab Code: LA024	Case No.	:		SAS No.:	SDG No.:	211011405		
Analytical Batch: 449012								
Carbon disulfide	mg/L	.05	0	.045	91	69 -	136	
Carbon tetrachloride	mg/L	.05	0	.047	94	76 -	128	
Chlorobenzene	mg/L	.05	0	.049	98	74 -	123	
Chloroethane	mg/L	.05	0	.047	94	62 -	141	
Chloroform	mg/L	.05	0	.047	95	75 -	122	
Chloromethane	mg/L	.05	0	.045	89	59 -	132	
Cyclohexane	mg/L	.05	0	.048	97	69 -	132	
Dibromochloromethane	mg/L	.05	0	.049	97	71 -	123	
Dibromomethane	mg/L	.05	0	.047	93	72 -	129	
Dichlorodifluoromethane	mg/L	.05	0	.044	88	58 -	140	
Ethylbenzene	mg/L	.05	0	.048	95	74 -	126	
Hexachlorobutadiene	mg/L	.05	0	.048	96	61 -	144	
Isopropylbenzene (Cumene)	mg/L	.05	0	.048	96	71 -	125	
Methyl Acetate	mg/L	.05	0	.052	103	57 -	139	
Methyl iodide	mg/L	.05	0	.047	94	57 -	141	
Methylcyclohexane	mg/L	.05	0	.047	95	67 -	138	
Methylene chloride	mg/L	.05	0	.044	88	68 -	132	
Naphthalene	mg/L	.05	0	.052	103	57 -	138	
Styrene	mg/L	.05	0	.05	101	71 -	127	
Tetrachloroethene	mg/L	.05	0	.047	94	68 -	128	
Toluene	mg/L	.05	0	.048	97	72 -	120	
Trichloroethene	mg/L	.05	0	.046	91	76 -	129	
Trichlorofluoromethane	mg/L	.05	0	.046	93	72 -	136	
Trichlorotrifluoroethane	mg/L	.05	0	.047	95	72 -	136	
Vinyl acetate	mg/L	.05	0	.054	108	54 -	147	
Vinyl chloride	mg/L	.05	0	.046	92	68 -	132	
Xylene (total)	mg/L	.15	0	.143	95	74 -	127	
cis-1,2-Dichloroethene	mg/L	.05	0	.047	93	73 -	130	
cis-1,3-Dichloropropene	mg/L	.05	0	.048	96	71 -	132	
m,p-Xylene	mg/L	.1	0	.096	96	74 -	126	
n-Butylbenzene	mg/L	.05	0	.048	96	69 -	134	
n-Propylbenzene	mg/L	.05	0	.049	97	75 -	129	
o-Xylene	mg/L	.05	0	.048	95	73 -	130	
sec-Butylbenzene	mg/L	.05	0	.049	97	70 -	136	
tert-Butyl methyl ether (MTBE)	mg/L	.05	0	.047	95	71 -	125	
tert-Butylbenzene	mg/L	.05	0	.048	96	72 -	126	
trans-1,2-Dichloroethene	mg/L	.05	0	.046	92	69 -	132	
trans-1,3-Dichloropropene	mg/L	.05	0	.048	96	71 -	131	
trans-1,4-Dichloro-2-butene	mg/L	.05	0	.055	110	56 -	132	

Column to be used to flag recovery and RPD values with an asterisk

RPD:	0	out of	_	74	out	side lim	its
Spike R	ecov	ery:	0	out	of	148	outside limits

^{*} Values outside of QC limits

Contract:

Lab Code: LA024	Case No).:		SAS No.:			SDG No.: 211011405		
Analytical Batch: 449012									
SAMPLE NO. : 913050									
COMPOUND	UNITS	SPIKE ADDED	LCSD CONC.	LCSD % REC	#	% RPD	#	QC. REC	LIMITS RPD
1,1,1,2-Tetrachloroethane	mg/L	.05	.046	92		6		75 - 124	0 - 30
1,1,1-Trichloroethane	mg/L	.05	.045	89		2		76 - 126	0 - 30
1,1,2,2-Tetrachloroethane	mg/L	.05	.049	98	\Box	17		70 - 122	0 - 30
1,1,2-Trichloroethane	mg/L	.05	.043	86		9		72 - 121	0 - 30
1,1-Dichloroethane	mg/L	.05	.044	88	\Box	7		74 - 127	0 - 30
1,1-Dichloroethene	mg/L	.05	.045	90	\Box	2		69 - 129	0 - 20
1,1-Dichloropropene	mg/L	.05	.045	90	\Box	4		72 - 131	0 - 30
1,2,3-Trichloropropane	mg/L	.05	.044	88	\Box	13	\top	70 - 120	0 - 30
1,2,4-Trichlorobenzene	mg/L	.05	.045	90		11		61 - 135	0 - 30
1,2,4-Trimethylbenzene	mg/L	.05	.046	92		4		74 - 125	0 - 30
1,2-Dibromo-3-chloropropane	mg/L	.05	.046	92	\top	20		57 - 121	0 - 30
1,2-Dibromoethane	mg/L	.05	.043	86		9		70 - 124	0 - 30
1,2-Dichlorobenzene	mg/L	.05	.047	93		6		71 - 126	0 - 30
1,2-Dichloroethane	mg/L	.05	.043	86	\top	9		71 - 129	0 - 30
1,2-Dichloropropane	mg/L	.05	.045	90	\Box	4	\top	72 - 128	0 - 30
1,3,5-Trimethylbenzene	mg/L	.05	.046	93	\Box	6		71 - 132	0 - 30
1,3-Dichlorobenzene	mg/L	.05	.046	93	\Box	6		74 - 126	0 - 30
1,3-Dichloropropane	mg/L	.05	.043	87	\top	9		74 - 122	0 - 30
1,4-Dichlorobenzene	mg/L	.05	.047	94	\top	4	\top	72 - 122	0 - 30
2,2-Dichloropropane	mg/L	.05	.045	90	\top	4	\top	77 - 124	0 - 30
2-Butanone	mg/L	.05	.047	94	\top	17		58 - 137	0 - 30
2-Chloroethylvinyl ether	mg/L	.05	.032	64	\top	27		56 - 124	0 - 30
2-Chlorotoluene	mg/L	.05	.047	93	\Box	4		72 - 127	0 - 30
2-Hexanone	mg/L	.05	.049	98	\Box	22		50 - 135	0 - 30
4-Chlorotoluene	mg/L	.05	.046	93		6	\top	75 - 126	0 - 30
4-Isopropyltoluene	mg/L	.05	.046	92	\top	4	+	71 - 129	0 - 30
4-Methyl-2-pentanone	mg/L	.05	.044	89	\Box	19		57 - 132	0 - 30
Acetone	mg/L	.05	.05	99	\top	13	\top	44 - 156	0 - 30
Acrolein	mg/L	.25	.287	115	\vdash	8	+	30 - 160	0 - 30
Acrylonitrile	mg/L	.25	.235	94	\top	9		64 - 137	0 - 30
Benzene	mg/L	.05	.044	89	\top	7		70 - 129	0 - 20
Bromobenzene	mg/L	.05	.046	93	\top	6	\top	71 - 120	0 - 30
Bromodichloromethane	mg/L	.05	.045	89		4		74 - 125	0 - 30
Bromoform	mg/L	.05	.047	93	\top	14		64 - 122	0 - 30
Bromomethane	mg/L	.05	.043	87		5	\top	47 - 138	0 - 30

Lab Name: GCAL

RPD: 0 out of 74 outside limits

Spike Recovery: 0 out of 148 outside limits

[#] Column to be used to flag recovery and RPD values with an asterisk

^{*} Values outside of QC limits

Lab Name: GCAL				Contract:				
Lab Code: LA024	Case No.:			SAS No.:		SDG No.:	2110	11405
Analytical Batch: 449012								
Carbon disulfide	mg/L	.05	.044	88	2	69 -	136	0 - 30
Carbon tetrachloride	mg/L	.05	.045	90	4	76 -	128	0 - 30
Chlorobenzene	mg/L	.05	.046	92	6	74 -	123	0 - 20
Chloroethane	mg/L	.05	.044	88	7	62 -	141	0 - 30
Chloroform	mg/L	.05	.045	89	4	75 -	122	0 - 30
Chloromethane	mg/L	.05	.043	86	5	59 -	132	0 - 30
Cyclohexane	mg/L	.05	.046	92	4	69 -	132	0 - 30
Dibromochloromethane	mg/L	.05	.045	89	9	71 -	123	0 - 30
Dibromomethane	mg/L	.05	.043	86	9	72 -	129	0 - 30
Dichlorodifluoromethane	mg/L	.05	.043	85	2	58 -	140	0 - 30
Ethylbenzene	mg/L	.05	.045	91	6	74 -	126	0 - 30
Hexachlorobutadiene	mg/L	.05	.047	93	2	61 -	144	0 - 30
Isopropylbenzene (Cumene)	mg/L	.05	.045	90	6	71 -	125	0 - 30
Methyl Acetate	mg/L	.05	.043	85	19	57 -	139	0 - 30
Methyl iodide	mg/L	.05	.046	92	2	57 -	141	0 - 30
Methylcyclohexane	mg/L	.05	.045	91	4	67 -	138	0 - 30
Methylene chloride	mg/L	.05	.042	84	5	68 -	132	0 - 30
Naphthalene	mg/L	.05	.043	85	19	57 -	138	0 - 35
Styrene	mg/L	.05	.047	94	6	71 -	127	0 - 30
Tetrachloroethene	mg/L	.05	.045	90	4	68 -	128	0 - 30
Toluene	mg/L	.05	.046	92	4	72 -	120	0 - 20
Trichloroethene	mg/L	.05	.044	88	4	76 -	129	0 - 20
Trichlorofluoromethane	mg/L	.05	.045	90	2	72 -	136	0 - 30
Trichlorotrifluoroethane	mg/L	.05	.045	91	4	72 -	136	0 - 30
Vinyl acetate	mg/L	.05	.05	100	8	54 -	147	0 - 30
Vinyl chloride	mg/L	.05	.043	85	7	68 -	132	0 - 30
Xylene (total)	mg/L	.15	.137	91	4	74 -	127	0 - 30
cis-1,2-Dichloroethene	mg/L	.05	.044	88	7	73 -	130	0 - 30
cis-1,3-Dichloropropene	mg/L	.05	.045	90	6	71 -	132	0 - 30
m,p-Xylene	mg/L	.1	.092	92	4	74 -	126	0 - 30
n-Butylbenzene	mg/L	.05	.046	92	4	69 -	134	0 - 30
n-Propylbenzene	mg/L	.05	.047	94	4	75 -	129	0 - 30
o-Xylene	mg/L	.05	.045	90	6	73 -	130	0 - 30
sec-Butylbenzene	mg/L	.05	.046	93	6	70 -	136	0 - 30
tert-Butyl methyl ether (MTBE)	mg/L	.05	.044	87	7	71 -	125	0 - 30
tert-Butylbenzene	mg/L	.05	.047	93	2	72 -	126	0 - 30
trans-1,2-Dichloroethene	mg/L	.05	.044	89	4	69 -	132	0 - 30
trans-1,3-Dichloropropene	mg/L	.05	.045	90	6	71 -	131	0 - 30
trans-1,4-Dichloro-2-butene	mg/L	.05	.047	93	16	56 -	132	0 - 30

Column to be used to flag recovery and RPD values with an asterisk

RPD : 0 out of 74 outside limits

Spike Recovery: 0 out of 148 outside limits

^{*} Values outside of QC limits

Lab Name: GCAL			Sample ID	T-15-F			
Lab Code: LA024	Case No.:		SAS No.:		SDG No.:	21101140	5
Contract:			Method:	SW-846 8260			
Analytical Batch: 449013							
SAMPLE NO: 21101140502 COMPOUND		PIKE SAMPLE DED CONCENTRA		MS NCENTRATION	MS % REC	# QC.	LIMITS
1,1,1,2-Tetrachloroethane	mg/kg	3.04 0		2.97	98	77	- 122
1,1,1-Trichloroethane	mg/kg	3.04 0		2.93	96	70	- 130
1,1,2,2-Tetrachloroethane	mg/kg	3.04 0		2.77	91	66	- 129
1,1,2-Trichloroethane	mg/kg	3.04 0		2.71	89	74	- 120
1,1-Dichloroethane	mg/kg 3	3.04 0		2.97	98	71	- 126
1,1-Dichloroethene	mg/kg 3	3.04 0		2.94	97	68	- 129
1,1-Dichloropropene	mg/kg	3.04 0		2.95	97	70	- 138
1,2,3-Trichloropropane	mg/kg	3.04 0		2.58	85	63	- 132
1,2,4-Trichlorobenzene	mg/kg	3.04 0		2.71	89	64	- 135
1,2,4-Trimethylbenzene	mg/kg	3.04 0		3.01	99	75	- 130
1,2-Dibromo-3-chloropropane	mg/kg	3.04 0		2.53	83	60	- 123
1,2-Dibromoethane	mg/kg	3.04 0		2.75	90	74	- 122
1,2-Dichlorobenzene	mg/kg	3.04 0		2.96	97	76	- 125
1,2-Dichloroethane	mg/kg	3.04 0		2.85	94	68	- 126
1,2-Dichloropropane	mg/kg	3.04 0		3	99	72	- 129
1,3,5-Trimethylbenzene	mg/kg	3.04 0		3.01	99	74	- 136
1,3-Dichlorobenzene	mg/kg	3.04 0		2.98	98	77	- 127
1,3-Dichloropropane	mg/kg	3.04 0		2.79	92	77	- 121
1,4-Dichlorobenzene	mg/kg	3.04 0		3	99	74	- 123
2,2-Dichloropropane	mg/kg	3.04 0		2.91	96	74	- 129
2-Butanone	mg/kg	3.04 0		2.73	90	47	- 142
2-Chloroethylvinyl ether	mg/kg	3.04 0		2.18	72	42	- 134
2-Chlorotoluene	mg/kg	3.04 0		3.01	99	75	- 132
2-Hexanone	mg/kg	3.04 0		2.71	89	47	- 137
4-Chlorotoluene	mg/kg	3.04 0		3.03	100	74	- 133
4-Isopropyltoluene	mg/kg	3.04 0		2.95	97	71	- 136
4-Methyl-2-pentanone	mg/kg	3.04 0		2.57	84	52	- 136
Acetone	mg/kg	3.04 0		2.84	93	38	- 152
Acrolein	mg/kg	15.2 0		1.05	7 *	34	- 158
Acrylonitrile	mg/kg	15.2 0		13	86	49	- 142
Benzene	mg/kg	3.04 0		3.1	102	73	- 128
Bromobenzene		3.04 0		3.02	99	73	- 124
Bromodichloromethane	mg/kg	3.04 0		2.97	98	74	- 126
Bromoform		3.04 0		2.77	91	67	- 122
Bromomethane	mg/kg	3.04 0		2.78	92	48	- 139
Carbon disulfide		3.04 0		2.94	97	68	- 133

RPD: 6 out of 74 outside limits

Spike Recovery: 3 out of 148 outside limits

[#] Column to be used to flag recovery and RPD values with an asterisk

^{*} Values outside of QC limits

Lab Name: GCAL			Samp	le ID T-15-F		
Lab Code: LA024	Case No	.:	SASI	No.:	SDG No.:	211011405
Contract:			Metho	od: SW-846 8260		
Analytical Batch: 449013						
Carbon tetrachloride	mg/kg	3.04	0	2.9	95	71 - 133
Chlorobenzene	mg/kg	3.04	0	3.01	99	75 - 121
Chloroethane	mg/kg	3.04	0	2.64	87	57 - 144
Chloroform	mg/kg	3.04	.638	2.96	76	74 - 124
Chloromethane	mg/kg	3.04	0	2.63	86	61 - 130
Cyclohexane	mg/kg	3.04	0	3	99	70 - 136
Dibromochloromethane	mg/kg	3.04	0	2.84	93	74 - 122
Dibromomethane	mg/kg	3.04	0	2.81	92	72 - 125
Dichlorodifluoromethane	mg/kg	3.04	0	2.75	90	59 - 138
Ethylbenzene	mg/kg	3.04	0	2.94	97	74 - 130
Hexachlorobutadiene	mg/kg	3.04	0	2.76	91	71 - 140
Isopropylbenzene (Cumene)	mg/kg	3.04	0	2.91	96	74 - 125
Methyl Acetate	mg/kg	3.04	0	2.76	91	49 - 138
Methyl iodide	mg/kg	3.04	0	3.14	103	54 - 140
Methylcyclohexane	mg/kg	3.04	0	2.88	95	70 - 142
Methylene chloride	mg/kg	3.04	0	2.85	94	66 - 130
Naphthalene	mg/kg	3.04	0	2.42	80	54 - 132
Styrene	mg/kg	3.04	0	3.08	101	72 - 128
Tetrachloroethene	mg/kg	3.04	0	2.89	95	70 - 127
Toluene	mg/kg	3.04	0	3.02	99	74 - 121
Trichloroethene	mg/kg	3.04	.112	2.96	94	78 - 127
Trichlorofluoromethane	mg/kg	3.04	0	2.96	97	64 - 141
Trichlorotrifluoroethane	mg/kg	3.04	0	2.9	95	66 - 139
Vinyl acetate	mg/kg	3.04	0	2.13	70	53 - 140
Vinyl chloride	mg/kg	3.04	0	2.76	91	67 - 131
Xylene (total)	mg/kg	9.12	0	8.97	98	71 - 129
cis-1,2-Dichloroethene	mg/kg	3.04	.198	2.96	91	72 - 130
cis-1,3-Dichloropropene	mg/kg	3.04	0	2.96	97	72 - 129
m,p-Xylene	mg/kg	6.08	0	5.97	98	72 - 128
n-Butylbenzene	mg/kg	3.04	0	2.95	97	68 - 144
n-Propylbenzene	mg/kg	3.04	0	3.01	99	73 - 137
o-Xylene	mg/kg	3.04	0	3	99	69 - 133
sec-Butylbenzene	mg/kg	3.04	0	2.97	98	72 - 141
tert-Butyl methyl ether (MTBE)	mg/kg	3.04	0	2.77	91	69 - 126
tert-Butylbenzene	mg/kg	3.04	0	2.97	98	72 - 136
trans-1,2-Dichloroethene	mg/kg	3.04	0	2.97	98	67 - 134
trans-1,3-Dichloropropene	mg/kg	3.04	0	2.88	95	72 - 126
trans-1,4-Dichloro-2-butene	mg/kg	3.04	0	2.67	88	44 - 146

RPD : 6 out of 74 outside limits

Spike Recovery: 3 out of 148 outside limits

[#] Column to be used to flag recovery and RPD values with an asterisk

^{*} Values outside of QC limits

Lab Name: GCAL			S	ample ID _T-	15-F					
Lab Code: LA024	Case No	.:	S	AS No.:			SDG	No.: 211011	405	
Contract:			М	ethod: SW-l	846 82	60				
Analytical Batch: 449013										
SAMPLE NO : 21101140	0503									
COMPOUND	UNITS	SPIKE ADDED	MSD CONC.	MSD % REC	#	% RPD	#	QC. REC	LIMITS RPD	
1,1,1,2-Tetrachloroethane	mg/kg	2.47	2.38	96	\Box	22	T	77 - 122	0 - 30	
1,1,1-Trichloroethane	mg/kg	2.47	2.3	93		24		70 - 130	0 - 30	
1,1,2,2-Tetrachloroethane	mg/kg	2.47	2.36	96	\top	16		66 - 129	0 - 30	
1,1,2-Trichloroethane	mg/kg	2.47	2.27	92		18		74 - 120	0 - 30	
1,1-Dichloroethane	mg/kg	2.47	2.34	95	\top	24		71 - 126	0 - 30	
1,1-Dichloroethene	mg/kg	2.47	2.28	92	\top	25		68 - 129	0 - 22	
1,1-Dichloropropene	mg/kg	2.47	2.3	93		25		70 - 138	0 - 30	
1,2,3-Trichloropropane	mg/kg	2.47	2.21	89		15		63 - 132	0 - 30	
1,2,4-Trichlorobenzene	mg/kg	2.47	2.3	93		16		64 - 135	0 - 30	
1,2,4-Trimethylbenzene	mg/kg	2.47	2.34	95	\top	25	\neg	75 - 130	0 - 30	
1,2-Dibromo-3-chloropropane	mg/kg	2.47	2.3	93	\top	9	\neg	60 - 123	0 - 30	
1,2-Dibromoethane	mg/kg	2.47	2.28	92	\top	19		74 - 122	0 - 30	
1,2-Dichlorobenzene	mg/kg	2.47	2.39	96	\top	21		76 - 125	0 - 30	
1,2-Dichloroethane	mg/kg	2.47	2.33	94		20		68 - 126	0 - 30	
1,2-Dichloropropane	mg/kg	2.47	2.34	95		25		72 - 129	0 - 30	
1,3,5-Trimethylbenzene	mg/kg	2.47	2.34	95		25		74 - 136	0 - 30	
1,3-Dichlorobenzene	mg/kg	2.47	2.35	95		24		77 - 127	0 - 30	
1,3-Dichloropropane	mg/kg	2.47	2.3	93		19		77 - 121	0 - 30	
1,4-Dichlorobenzene	mg/kg	2.47	2.36	96		24	\neg	74 - 123	0 - 30	
2,2-Dichloropropane	mg/kg	2.47	2.24	91	\top	26		74 - 129	0 - 30	
2-Butanone	mg/kg	2.47	2.54	103		7		47 - 142	0 - 30	
2-Chloroethylvinyl ether	mg/kg	2.47	1.91	77		13		42 - 134	0 - 30	
2-Chlorotoluene	mg/kg	2.47	2.36	96		24		75 - 132	0 - 30	
2-Hexanone	mg/kg	2.47	2.55	103		6		47 - 137	0 - 30	
4-Chlorotoluene	mg/kg	2.47	2.35	95		25		74 - 133	0 - 30	
4-Isopropyltoluene	mg/kg	2.47	2.32	94	\top	24		71 - 136	0 - 30	
4-Methyl-2-pentanone	mg/kg	2.47	2.39	96	\top	7		52 - 136	0 - 30	
Acetone	mg/kg	2.47	2.6	105		9		38 - 152	0 - 30	
Acrolein	mg/kg	12.4	2.45	20	*	80		34 - 158	0 - 30	
Acrylonitrile	mg/kg	12.4	11.7	95		11		49 - 142	0 - 30	
Benzene	mg/kg	2.47	2.36	96		27		73 - 128	0 - 21	
Bromobenzene	mg/kg	2.47	2.36	96		24		73 - 124	0 - 30	
Bromodichloromethane	mg/kg	2.47	2.35	95		23		74 - 126	0 - 30	
Bromoform	mg/kg	2.47	2.39	96	\top	15		67 - 122	0 - 30	
Bromomethane	mg/kg	2.47	2.27	92		20		48 - 139	0 - 30	
Carbon disulfide	mg/kg	2.47	2.27	92		26		68 - 133	0 - 30	

RPD : 6 out of 74 outside limits

Spike Recovery: 3 out of 148 outside limits

[#] Column to be used to flag recovery and RPD values with an asterisk

^{*} Values outside of QC limits

Lab Name: GCAL				Sample ID T-15-F				
Lab Code: LA024	Case No.:			SAS No.:		SDG	No.: 2110114	105
Contract:				Method: SW-846 8	260			
Analytical Batch: 449013								
Carbon tetrachloride	mg/kg	2.47	2.26	91	25		71 - 133	0 - 30
Chlorobenzene	mg/kg	2.47	2.39	96	23		75 - 121	0 - 21
Chloroethane	mg/kg	2.47	1.72	69	42		57 - 144	0 - 30
Chloroform	mg/kg	2.47	2.38	70 *	22		74 - 124	0 - 30
Chloromethane	mg/kg	2.47	2.13	86	21		61 - 130	0 - 30
Cyclohexane	mg/kg	2.47	2.36	96	24		70 - 136	0 - 30
Dibromochloromethane	mg/kg	2.47	2.3	93	21		74 - 122	0 - 30
Dibromomethane	mg/kg	2.47	2.28	92	21		72 - 125	0 - 30
Dichlorodifluoromethane	mg/kg	2.47	2.13	86	25		59 - 138	0 - 30
Ethylbenzene	mg/kg	2.47	2.29	93	25		74 - 130	0 - 30
Hexachlorobutadiene	mg/kg	2.47	2.3	93	18		71 - 140	0 - 30
Isopropylbenzene (Cumene)	mg/kg	2.47	2.33	94	22		74 - 125	0 - 30
Methyl Acetate	mg/kg	2.47	2.48	100	10		49 - 138	0 - 30
Methyl iodide	mg/kg	2.47	2.58	104	20		54 - 140	0 - 30
Methylcyclohexane	mg/kg	2.47	2.26	91	24		70 - 142	0 - 30
Methylene chloride	mg/kg	2.47	2.22	90	25		66 - 130	0 - 30
Naphthalene	mg/kg	2.47	2.28	92	6		54 - 132	0 - 30
Styrene	mg/kg	2.47	2.47	100	22		72 - 128	0 - 30
Tetrachloroethene	mg/kg	2.47	2.28	92	24		70 - 127	0 - 30
Toluene	mg/kg	2.47	2.39	96	23		74 - 121	0 - 21
Trichloroethene	mg/kg	2.47	2.34	90	23		78 - 127	0 - 24
Trichlorofluoromethane	mg/kg	2.47	2.27	92	26		64 - 141	0 - 30
Trichlorotrifluoroethane	mg/kg	2.47	2.27	92	24		66 - 139	0 - 30
Vinyl acetate	mg/kg	2.47	1.78	72	18		53 - 140	0 - 30
Vinyl chloride	mg/kg	2.47	2.18	88	23		67 - 131	0 - 30
Xylene (total)	mg/kg	7.43	7.04	95	24		71 - 129	0 - 30
cis-1,2-Dichloroethene	mg/kg	2.47	2.32	86	24		72 - 130	0 - 30
cis-1,3-Dichloropropene	mg/kg	2.47	2.39	96	21		72 - 129	0 - 30
m,p-Xylene	mg/kg	4.95	4.69	95	24		72 - 128	0 - 30
n-Butylbenzene	mg/kg	2.47	2.32	94	24		68 - 144	0 - 30
n-Propylbenzene	mg/kg	2.47	2.34	95	25		73 - 137	0 - 30
o-Xylene	mg/kg	2.47	2.35	95	24		69 - 133	0 - 30
sec-Butylbenzene	mg/kg	2.47	2.32	94	25		72 - 141	0 - 30
tert-Butyl methyl ether (MTBE)	mg/kg	2.47	2.34	95	17		69 - 126	0 - 30
tert-Butylbenzene	mg/kg	2.47	2.32	94	25		72 - 136	0 - 30
trans-1,2-Dichloroethene	mg/kg	2.47	2.32	94	25		67 - 134	0 - 30
trans-1,3-Dichloropropene	mg/kg	2.47	2.38	96	19		72 - 126	0 - 30
trans-1,4-Dichloro-2-butene	mg/kg	2.47	2.4	97	11		44 - 146	0 - 30

RPD: 6 out of 74 outside limits

Spike Recovery: 3 out of 148 outside limits

[#] Column to be used to flag recovery and RPD values with an asterisk

^{*} Values outside of QC limits

1,1,1-Trichloroethane mg/kg 2.5 0 2.32 93 70 1,1,2,2-Tetrachloroethane mg/kg 2.5 0 2.9 116 66 1,1,2-Trichloroethane mg/kg 2.5 0 2.34 94 74	
Contract: Method: SW-846 8260 Analytical Batch: 449013 SAMPLE NO: 913052 COMPOUND UNITS SPIKE ADDED CONCENTRATION CONCENTRATION REC # QC. L 1,1,1,2-Tetrachloroethane mg/kg 2.5 0 2.45 98 77 1,1,1-Trichloroethane mg/kg 2.5 0 2.32 93 70 1,1,2-Tetrachloroethane mg/kg 2.5 0 2.9 116 66 1,1,2-Trichloroethane mg/kg 2.5 0 2.34 94 74	
SAMPLE NO : 913052 SPIKE COMPOUND SAMPLE CONCENTRATION LCS CONCENTRATION LCS REC # QC. L 1,1,1,2-Tetrachloroethane mg/kg 2.5 0 2.45 98 77 1,1,1-Trichloroethane mg/kg 2.5 0 2.32 93 70 1,1,2-Tetrachloroethane mg/kg 2.5 0 2.9 116 66 1,1,2-Trichloroethane mg/kg 2.5 0 2.34 94 74	. 1
COMPOUND UNITS SPIKE ADDED SAMPLE CONCENTRATION LCS CONCENTRATION LCS REC # QC. II 1,1,1,2-Tetrachloroethane mg/kg 2.5 0 2.45 98 77 1,1,1-Trichloroethane mg/kg 2.5 0 2.32 93 70 1,1,2-Tetrachloroethane mg/kg 2.5 0 2.9 116 66 1,1,2-Trichloroethane mg/kg 2.5 0 2.34 94 74	
1,1,1-Trichloroethane mg/kg 2.5 0 2.32 93 70 1,1,2,2-Tetrachloroethane mg/kg 2.5 0 2.9 116 66 1,1,2-Trichloroethane mg/kg 2.5 0 2.34 94 74	IMITS
1,1,2,2-Tetrachloroethane mg/kg 2.5 0 2.9 116 66 1,1,2-Trichloroethane mg/kg 2.5 0 2.34 94 74	122
1,1,2-Trichloroethane mg/kg 2.5 0 2.34 94 74	130
The Control of the Co	129
A District House Co.	120
1,1-Dichloroethane mg/kg 2.5 0 2.36 94 71	126
1,1-Dichloroethene mg/kg 2.5 0 2.32 93 68	129
1,1-Dichloropropene mg/kg 2.5 0 2.35 94 70	- 138
1,2,3-Trichloropropane mg/kg 2.5 0 2.5 100 63	- 132
1,2,4-Trichlorobenzene mg/kg 2.5 0 2.51 100 64	- 135
1,2,4-Trimethylbenzene mg/kg 2.5 0 2.42 97 75	- 130
1,2-Dibromo-3-chloropropane mg/kg 2.5 0 2.8 112 60	- 123
1,2-Dibromoethane mg/kg 2.5 0 2.34 94 74	122
1,2-Dichlorobenzene mg/kg 2.5 0 2.49 100 76	- 125
1,2-Dichloroethane mg/kg 2.5 0 2.33 93 68	126
1,2-Dichloropropane mg/kg 2.5 0 2.35 94 72	- 129
1,3,5-Trimethylbenzene mg/kg 2.5 0 2.42 97 74	- 136
1,3-Dichlorobenzene mg/kg 2.5 0 2.45 98 77	127
1,3-Dichloropropane mg/kg 2.5 0 2.34 94 77	- 121
1,4-Dichlorobenzene mg/kg 2.5 0 2.46 98 74	123
2,2-Dichloropropane mg/kg 2.5 0 2.37 95 74	- 129
2-Butanone mg/kg 2.5 0 2.8 112 47	- 142
2-Chloroethylvinyl ether mg/kg 2.5 0 2.11 84 42	- 134
2-Chlorotoluene mg/kg 2.5 0 2.46 98 75	- 132
2-Hexanone mg/kg 2.5 0 3.03 121 47	- 137
4-Chlorotoluene mg/kg 2.5 0 2.44 98 74	- 133
4-Isopropyltoluene mg/kg 2.5 0 2.4 96 71	- 136
4-Methyl-2-pentanone mg/kg 2.5 0 2.64 106 52	- 136
Acetone mg/kg 2.5 0 2.84 114 38	- 152
Acrolein mg/kg 12.5 0 15.5 124 34	- 158
Acrylonitrile mg/kg 12.5 0 12.9 103 49	- 142
Benzene mg/kg 2.5 0 2.33 93 73	- 128
Bromobenzene , mg/kg 2.5 0 2.43 97 73	124
Bromodichloromethane mg/kg 2.5 0 2.37 95 74	
Bromoform mg/kg 2.5 0 2.68 107 67	- 126
Bromomethane mg/kg 2.5 0 2.27 91 48	- 126 - 122
Carbon disulfide mg/kg 2.5 0 2.27 91 68	

Column to be used to flag recovery and RPD values with an asterisk

RPD: 0 out of 74 outside limits

Spike Recovery: 0 out of 148 outside limits

^{*} Values outside of QC limits

Lab Name: GCAL						
Lab Code: LA024	Case No	.:	s	AS No.:	SDG No.:	211011405
Contract:				Method: SW-846 8260		
Analytical Batch: 449013						
Carbon tetrachloride	mg/kg	2.5	0	2.35	94	71 - 133
Chlorobenzene	mg/kg	2.5	0	2.44	98	75 - 121
Chloroethane	mg/kg	2.5	0	2.34	94	57 - 144
Chloroform	mg/kg	2.5	0	2.37	95	74 - 124
Chloromethane	mg/kg	2.5	0	2.23	89	61 - 130
Cyclohexane	mg/kg	2.5	0	2.42	97	70 - 136
Dibromochloromethane	mg/kg	2.5	0	2.44	98	74 - 122
Dibromomethane	mg/kg	2.5	0	2.32	93	72 - 125
Dichlorodifluoromethane	mg/kg	2.5	0	2.21	88	59 - 138
Ethylbenzene	mg/kg	2.5	0	2.37	95	74 - 130
Hexachlorobutadiene	mg/kg	2.5	0	2.39	96	71 - 140
Isopropylbenzene (Cumene)	mg/kg	2.5	0	2.39	96	74 - 125
Methyl Acetate	mg/kg	2.5	0	2.58	103	49 - 138
Methyl iodide	mg/kg	2.5	0	2.35	94	54 - 140
Methylcyclohexane	mg/kg	2.5	0	2.37	95	70 - 142
Methylene chloride	mg/kg	2.5	0	2.21	88	66 - 130
Naphthalene	mg/kg	2.5	0	2.58	103	54 - 132
Styrene	mg/kg	2.5	0	2.51	100	72 - 128
Tetrachloroethene	mg/kg	2.5	0	2.35	94	70 - 127
Toluene	mg/kg	2.5	0	2.42	97	74 - 121
Trichloroethene	mg/kg	2.5	0	2.28	91	78 - 127
Trichlorofluoromethane	mg/kg	2.5	0	2.32	93	64 - 141
Trichlorotrifluoroethane	mg/kg	2.5	0	2.36	94	66 - 139
Vinyl acetate	mg/kg	2.5	0	2.69	108	53 - 140
Vinyl chloride	mg/kg	2.5	0	2.29	92	67 - 131
Xylene (total)	mg/kg	7.5	0	7.17	96	71 - 129
cis-1,2-Dichloroethene	mg/kg	2.5	0	2.33	93	72 - 130
cis-1,3-Dichloropropene	mg/kg	2.5	0	2.39	96	72 - 129
m,p-Xylene	mg/kg	5	0	4.79	96	72 - 128
n-Butylbenzene	mg/kg	2.5	0	2.41	96	68 - 144
n-Propylbenzene	mg/kg	2.5	0	2.43	97	73 - 137
o-Xylene	mg/kg	2.5	0	2.38	95	69 - 133
sec-Butylbenzene	mg/kg	2.5	0	2.43	97	72 - 141
tert-Butyl methyl ether (MTBE)	mg/kg	2.5	0	2.37	95	69 - 126
tert-Butylbenzene	mg/kg	2.5	0	2.39	96	72 - 136
trans-1,2-Dichloroethene	mg/kg	2.5	0	2.29	92	67 - 134
trans-1,3-Dichloropropene	mg/kg	2.5	0	2.41	96	72 - 126
trans-1,4-Dichloro-2-butene	mg/kg	2.5	0	2.76	110	44 - 146

Column to be used to flag recovery and RPD values with an asterisk

 RPD : 0 out of 74 outside limits

 Spike Recovery: 0 out of 148 outside limits

^{*} Values outside of QC limits

Lab Name: GCAL						
Lab Code: LA024	Case No	.:	s	SAS No.:		SDG No.: 211011405
Contract:			N	Method: SW-8	846 8260	
Analytical Batch: 449013						
SAMPLE NO : 913053						
COMPOUND	UNITS	SPIKE ADDED	LCSD CON	C. % REC	# %	# REC RPD
1,1,1,2-Tetrachloroethane	mg/kg	2.5	2.29	92	7	77 - 122 0 - 30
1,1,1-Trichloroethane	mg/kg	2.5	2.22	89	4	70 - 130 0 - 30
1,1,2,2-Tetrachloroethane	mg/kg	2.5	2.45	98	17	66 - 129 0 - 30
1,1,2-Trichloroethane	mg/kg	2.5	2.15	86	8	74 - 120 0 - 30
1,1-Dichloroethane	mg/kg	2.5	2.21	88	7	71 - 126 0 - 30
1,1-Dichloroethene	mg/kg	2.5	2.24	90	4	68 - 129 0 - 30
1,1-Dichloropropene	mg/kg	2.5	2.24	90	5	70 - 138 0 - 30
1,2,3-Trichloropropane	mg/kg	2.5	2.19	88	13	63 - 132 0 - 30
1,2,4-Trichlorobenzene	mg/kg	2.5	2.25	90	11	64 - 135 0 - 30
1,2,4-Trimethylbenzene	mg/kg	2.5	2.31	92	5	75 - 130 0 - 30
1,2-Dibromo-3-chloropropane	mg/kg	2.5	2.31	92	19	60 - 123 0 - 30
1,2-Dibromoethane	mg/kg	2.5	2.14	86	9	74 - 122 0 - 30
1,2-Dichlorobenzene	mg/kg	2.5	2.33	93	7	76 - 125 0 - 30
1,2-Dichloroethane	mg/kg	2.5	2.16	86	8	68 - 126 0 - 30
1,2-Dichloropropane	mg/kg	2.5	2.25	90	4	72 - 129 0 - 30
1,3,5-Trimethylbenzene	mg/kg	2.5	2.32	93	4	74 - 136 0 - 30
1,3-Dichlorobenzene	mg/kg	2.5	2.32	93	5	77 - 127 0 - 30
1,3-Dichloropropane	mg/kg	2.5	2.17	87	8	77 - 121 0 - 30
1,4-Dichlorobenzene	mg/kg	2.5	2.34	94	5	74 - 123 0 - 30
2,2-Dichloropropane	mg/kg	2.5	2.25	90	5	74 - 129 0 - 30
2-Butanone	mg/kg	2.5	2.34	94	18	47 - 142 0 - 30
2-Chloroethylvinyl ether	mg/kg	2.5	1.61	64	27	42 - 134 0 - 30
2-Chlorotoluene	mg/kg	2.5	2.33	93	5	75 - 132 0 - 30
2-Hexanone	mg/kg	2.5	2.44	98	22	47 - 137 0 - 30
4-Chlorotoluene	mg/kg	2.5	2.32	93	5	74 - 133 0 - 30
4-Isopropyltoluene	mg/kg	2.5	2.3	92	4	71 - 136 0 - 30
4-Methyl-2-pentanone	mg/kg	2.5	2.21	88	18	52 - 136 0 - 30
Acetone	mg/kg	2.5	2.49	100	13	38 - 152 0 - 30
Acrolein	mg/kg	12.5	14.3	114	8	34 - 158 0 - 30
Acrylonitrile	mg/kg	12.5	11.7	94	10	49 - 142 0 - 30
Benzene	mg/kg	2.5	2.22	89	5	73 - 128 0 - 30
Bromobenzene	mg/kg	2.5	2.32	93	5	73 - 124 0 - 30
Bromodichloromethane	mg/kg	2.5	2.23	89	6	74 - 126 0 - 30
Bromoform	mg/kg	2.5	2.33	93	14	67 - 122 0 - 30
Bromomethane	mg/kg	2.5	2.17	87	5	48 - 139 0 - 30
Carbon disulfide	mg/kg	2.5	2.21	88	3	68 - 133 0 - 30

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike Recovery: 0 out of 148 outside limits

RPD: 0 out of 74 outside limits

Lab Name: GCAL							
Lab Code: LA024	Case No.:			SAS No.:		SDG No.: 211011405	
Contract:				Method: SW-8	46 8260		
Analytical Batch: 449013							
Carbon tetrachloride	mg/kg	2.5	2.24	90	5	71 - 133 0 - 30	0
Chlorobenzene	mg/kg	2.5	2.31	92	5	75 - 121 0 - 30	0
Chloroethane	mg/kg	2.5	2.21	88	6	57 - 144 0 - 30	0
Chloroform	mg/kg	2.5	2.23	89	6	74 - 124 0 - 30	0
Chloromethane	mg/kg	2.5	2.14	86	4	61 - 130 0 - 30	0
Cyclohexane	mg/kg	2.5	2.3	92	5	70 - 136 0 - 30	0
Dibromochloromethane	mg/kg	2.5	2.22	89	9	74 - 122 0 - 30	0
Dibromomethane	mg/kg	2.5	2.14	86	8	72 - 125 0 - 30	0
Dichlorodifluoromethane	mg/kg	2.5	2.13	85	4	59 - 138 0 - 30	0
Ethylbenzene	mg/kg	2.5	2.26	90	5	74 - 130 0 - 30	0
Hexachlorobutadiene	mg/kg	2.5	2.33	93	3	71 - 140 0 - 30	0
Isopropylbenzene (Cumene)	mg/kg	2.5	2.26	90	6	74 - 125 0 - 30	0
Methyl Acetate	mg/kg	2.5	2.13	85	19	49 - 138 0 - 30	0
Methyl iodide	mg/kg	2.5	2.29	92	3	54 - 140 0 - 30	0
Methylcyclohexane	mg/kg	2.5	2.26	90	5	70 - 142 0 - 30	0
Methylene chloride	mg/kg	2.5	2.1	84	5	66 - 130 0 - 30	0
Naphthalene	mg/kg	2.5	2.13	85	19	54 - 132 0 - 30	0
Styrene	mg/kg	2.5	2.35	94	7	72 - 128 0 - 30	0
Tetrachloroethene	mg/kg	2.5	2.24	90	5	70 - 127 0 - 30	0
Toluene	mg/kg	2.5	2.31	92	5	74 - 121 0 - 30	0
Trichloroethene	mg/kg	2.5	2.2	88	4	78 - 127 0 - 30	0
Trichlorofluoromethane	mg/kg	2.5	2.25	90	3	64 - 141 0 - 30	0
Trichlorotrifluoroethane	mg/kg	2.5	2.27	91	4	66 - 139 0 - 30	0
Vinyl acetate	mg/kg	2.5	2.49	100	8	53 - 140 0 - 30	0
Vinyl chloride	mg/kg	2.5	2.13	85	7	67 - 131 0 - 30	0
Xylene (total)	mg/kg	7.5	6.84	91	5	71 - 129 0 - 30	0
cis-1,2-Dichloroethene	mg/kg	2.5	2.2	88	6	72 - 130 0 - 30	0
cis-1,3-Dichloropropene	mg/kg	2.5	2.25	90	6	72 - 129 0 - 30	0
m,p-Xylene	mg/kg	5	4.59	92	4	72 - 128 0 - 30	0
n-Butylbenzene	mg/kg	2.5	2.31	92	4	68 - 144 0 - 30	0
n-Propylbenzene	mg/kg	2.5	2.34	94	4	73 - 137 0 - 30	0
o-Xylene	mg/kg	2.5	2.25	90	6	69 - 133 0 - 30	0
sec-Butylbenzene	mg/kg	2.5	2.32	93	5	72 - 141 0 - 30	0
tert-Butyl methyl ether (MTBE)	mg/kg	2.5	2.17	87	9	69 - 126 0 - 30	0
tert-Butylbenzene	mg/kg	2.5	2.32	93	3	72 - 136 0 - 30	0
trans-1,2-Dichloroethene	mg/kg	2.5	2.22	89	3	67 - 134 0 - 30	0
trans-1,3-Dichloropropene	mg/kg	2.5	2.25	90	7	72 - 126 0 - 30	0
trans-1,4-Dichloro-2-butene	mg/kg	2.5	2.33	93	17	44 - 146 0 - 30	0

 RPD : ___0 _ out of ___ 74 __ outside limits

 Spike Recovery: ___0 __ out of ___ 148 __ outside limits

[#] Column to be used to flag recovery and RPD values with an asterisk

^{*} Values outside of QC limits

Lab Name: GCAL									
Lab Code: LA024	Case No.:		SAS	No.:	SDG No	o.: 21	101140	5	
Contract:			Meth	od: SW-846 8260					
Analytical Batch: 449157									
SAMPLE NO: 913706 COMPOUND	UNITS AD	PIKE ODED (SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS % REC	#	QC.	LIM	IITS
1,1,1,2-Tetrachloroethane	mg/kg	2.5	0	2.44	98		77		122
1,1,1-Trichloroethane	mg/kg	2.5	0	2.62	105		70	-	130
1,1,2,2-Tetrachloroethane	mg/kg	2.5	0	2.54	102		66		129
1,1,2-Trichloroethane	mg/kg	2.5	0	2.6	104		74		120
1,1-Dichloroethane	mg/kg	2.5	0	2.74	110		71		126
1,1-Dichloroethene	mg/kg	2.5	0	2.67	107		68		129
1,1-Dichloropropene	mg/kg	2.5	0	2.65	106		70		138
1,2,3-Trichloropropane	mg/kg	2.5	0	2.58	103		63	-	132
1,2,4-Trichlorobenzene	mg/kg	2.5	0	2.8	112		64		135
1,2,4-Trimethylbenzene	mg/kg	2.5	0	2.65	106	\Box	75		130
1,2-Dibromo-3-chloropropane	mg/kg	2.5	0	2.73	109		60	-	123
1,2-Dibromoethane	mg/kg	2.5	0	2.68	107		74	-	122
1,2-Dichlorobenzene	mg/kg	2.5	0	2.61	104		76	-	125
1,2-Dichloroethane	mg/kg	2.5	0	2.66	106		68	-	126
1,2-Dichloropropane	mg/kg	2.5	0	2.72	109		72	-	129
1,3,5-Trimethylbenzene	mg/kg	2.5	0	2.7	108		74	-	136
1,3-Dichlorobenzene	mg/kg	2.5	0	2.57	103		77	7-	127
1,3-Dichloropropane	mg/kg	2.5	0	2.56	102		77		121
1,4-Dichlorobenzene	mg/kg	2.5	0	2.53	101		74	-	123
2,2-Dichloropropane	mg/kg	2.5	0	2.67	107		74		129
2-Butanone	mg/kg	2.5	0	2.8	112	\Box	47		142
2-Chloroethylvinyl ether	mg/kg	2.5	0	2.47	99		42	-	134
2-Chlorotoluene	mg/kg	2.5	0	2.55	102		75		132
2-Hexanone	mg/kg	2.5	0	2.75	110		47	-	137
4-Chlorotoluene	mg/kg	2.5	0	2.61	104		74	+	133
4-Isopropyltoluene	mg/kg	2.5	0	2.76	110		71		136
4-Methyl-2-pentanone	mg/kg	2.5	0	2.82	113		52	-	136
Acetone	mg/kg	2.5	0	2.58	103		38		152
Acrolein	mg/kg	12.5	0	11.6	93		34	-	158
Acrylonitrile	mg/kg	12.5	0	12.8	102		49	-	142
Benzene	mg/kg	2.5	0	2.56	102		73		128
Bromobenzene	mg/kg	2.5	0	2.41	96		73	*	124
Bromodichloromethane	mg/kg	2.5	0	2.71	108		74		126
Bromoform	mg/kg	2.5	0	2.75	110		67	-	122
Bromomethane	mg/kg	2.5	0	2.53	101		48		139
Carbon disulfide	mg/kg	2.5	0	2.85	114		68	-	133

 RPD : 0 out of 74 outside limits

 Spike Recovery: 0 out of 148 outside limits

[#] Column to be used to flag recovery and RPD values with an asterisk

^{*} Values outside of QC limits

Lab Name: GCAL							
Lab Code: LA024	Case No	.i	S	AS No.:	SDG No.:	211011405	
Contract:			M	ethod: SW-846 8260			
Analytical Batch: 449157							
Carbon tetrachloride	mg/kg	2.5	0	2.83	113	71	- 133
Chlorobenzene	mg/kg	2.5	0	2.5	100	75	- 121
Chloroethane	mg/kg	2.5	0	2.83	113	57	- 144
Chloroform	mg/kg	2.5	0	2.67	107	74	- 124
Chloromethane	mg/kg	2.5	0	2.66	106	61	- 130
Cyclohexane	mg/kg	2.5	0	2.74	110	70	- 136
Dibromochloromethane	mg/kg	2.5	0	2.65	106	74	- 122
Dibromomethane	mg/kg	2.5	0	2.69	108	72	- 125
Dichlorodifluoromethane	mg/kg	2.5	0	2.83	113	59	- 138
Ethylbenzene	mg/kg	2.5	0	2.47	99	74	- 130
Hexachlorobutadiene	mg/kg	2.5	0	2.89	116	71	- 140
Isopropylbenzene (Cumene)	mg/kg	2.5	0	2.72	109	74	- 125
Methyl Acetate	mg/kg	2.5	0	2.78	111	49	- 138
Methyl iodide	mg/kg	2.5	0	2.18	87	54	- 140
Methylcyclohexane	mg/kg	2.5	0	2.91	116	70	- 142
Methylene chloride	mg/kg	2.5	0	2.57	103	66	- 130
Naphthalene	mg/kg	2.5	0	2.9	116	54	- 132
Styrene	mg/kg	2.5	0	2.65	106	72	- 128
Tetrachloroethene	mg/kg	2.5	0	2.61	104	70	- 127
Toluene	mg/kg	2.5	0	2.48	99	74	- 121
Trichloroethene	mg/kg	2.5	0	2.59	104	78	- 127
Trichlorofluoromethane	mg/kg	2.5	0	2.73	109	64	- 141
Trichlorotrifluoroethane	mg/kg	2.5	0	2.79	112	66	- 139
Vinyl acetate	mg/kg	2.5	0	1.84	74	53	- 140
Vinyl chloride	mg/kg	2.5	0	2.67	107	67	- 131
Xylene (total)	mg/kg	7.5	0	7.71	103	71	- 129
cis-1,2-Dichloroethene	mg/kg	2.5	0	2.7	108	72	- 130
cis-1,3-Dichloropropene	mg/kg	2.5	0	2.81	112	72	- 129
m,p-Xylene	mg/kg	5	0	5.11	102	72	- 128
n-Butylbenzene	mg/kg	2.5	0	2.88	115	68	- 144
n-Propylbenzene	mg/kg	2.5	0	2.6	104	73	- 137
o-Xylene	mg/kg	2.5	0	2.6	104	69	- 133
sec-Butylbenzene	mg/kg	2.5	0	2.73	109	72	- 141
tert-Butyl methyl ether (MTBE)	mg/kg	2.5	0	2.66	106	69	- 126
tert-Butylbenzene	mg/kg	2.5	0	2.63	105	72	- 136
trans-1,2-Dichloroethene	mg/kg	2.5	0	2.65	106	67	- 134
trans-1,3-Dichloropropene	mg/kg	2.5	0	2.75	110	72	- 126
trans-1,4-Dichloro-2-butene	mg/kg	2.5	0	2.58	103	44	- 146

Column to be used to flag recovery and RPD values with an asterisk

RPD: 0 out of 74 outside limits

Spike Recovery: 0 out of 148 outside limits

^{*} Values outside of QC limits

Contract: Method: SW-846 8260 SW-846 8	Lab Name: GCAL	1				
Analytical Batch: 449157 SAMPLE NO : 913707 SAMPLE NO : 913707 SAMPLE NO : 913707 SAMPLE NO : 913707 SPIKE LCSD CONC. LCSD RPD REC RPD RPD REC RPD RPD REC RPD REC RPD RPD RPD REC RPD RPD	Lab Code: LA024	Case No.:		SAS No.:		SDG No.: 211011405
SAMPLE NO: 913707 SPIKE LCSD CONC. LCSD RPD REC RPD	Contract:			Method: SW-8	346 8260	
COMPOUND	Analytical Batch: 449157					
COMPOUND UNITS ADDED LCSD CONC. % REC # RPD # REC RPD 1,1,1,2-Tetrachloroethane mg/kg 2.5 2.33 93 5 77 -122 0 -30 1,1,1-Trichloroethane mg/kg 2.5 2.62 105 0 77 -122 0 -30 1,1,2-Trichloroethane mg/kg 2.5 2.37 95 77 66 -129 0 -30 1,1,2-Trichloroethane mg/kg 2.5 2.49 100 4 74 -120 0 -30 1,1-Dichloroethane mg/kg 2.5 2.65 106 3 71 -126 0 -30 1,1-Dichloroethane mg/kg 2.5 2.66 104 3 68 -129 0 -30 1,2-Dichloropropane mg/kg 2.5 2.54 102 4 70 -138 0 -30 1,2-Dichlorobenzene mg/kg 2.5 2.51	SAMPLE NO: 913707					
1,1,1-Trichloroethane	COMPOUND		LCSD CC			
1,1,2,2-Tetrachloroethane mg/kg 2.5 2.37 95 7 66 - 129 0 - 30 1,1,2-Trichloroethane mg/kg 2.5 2.49 100 4 74 - 120 0 - 30 1,1-Dichloroethane mg/kg 2.5 2.65 106 3 71 - 126 0 - 30 1,1-Dichloroethene mg/kg 2.5 2.6 104 3 68 - 129 0 - 30 1,1-Dichloropropene mg/kg 2.5 2.54 102 4 70 - 138 0 - 30 1,2,3-Trichloropropane mg/kg 2.5 2.35 94 9 63 - 132 0 - 30 1,2,4-Trichlorobenzene mg/kg 2.5 2.52 101 11 64 - 135 0 - 30 1,2-Dibriorobenzene mg/kg 2.5 2.54 102 7 60 - 123 0 - 30 1,2-Dichlorobenzene mg/kg <td>1,1,1,2-Tetrachloroethane</td> <td>mg/kg 2.5</td> <td>2.33</td> <td>93</td> <td>5</td> <td>77 - 122 0 - 30</td>	1,1,1,2-Tetrachloroethane	mg/kg 2.5	2.33	93	5	77 - 122 0 - 30
1,1,2-Trichloroethane mg/kg 2.5 2.49 100 4 74 - 120 0 - 30 1,1-Dichloroethane mg/kg 2.5 2.65 106 3 71 - 126 0 - 30 1,1-Dichloroethane mg/kg 2.5 2.6 104 3 68 - 129 0 - 30 1,1-Dichloropropene mg/kg 2.5 2.54 102 4 70 - 138 0 - 30 1,2,3-Trichloropropane mg/kg 2.5 2.35 94 9 63 132 0 - 30 1,2,4-Trichlorobenzene mg/kg 2.5 2.52 101 11 64 - 135 0 - 30 1,2,4-Trimethylbenzene mg/kg 2.5 2.54 102 7 60 - 123 0 - 30 1,2-Dichlorobenzene mg/kg 2.5 2.54 102 7 60 - 123 0 - 30 1,2-Dichlorobenzene mg/kg	1,1,1-Trichloroethane	mg/kg 2.5	2.62	105	0	70 - 130 0 - 30
1,1-Dichloroethane mg/kg 2.5 2.65 106 3 71 126 0 - 30 1,1-Dichloroethene mg/kg 2.5 2.6 104 3 68 - 129 0 - 30 1,1-Dichloropropene mg/kg 2.5 2.54 102 4 70 - 138 0 - 30 1,2,3-Trichloropropane mg/kg 2.5 2.35 94 9 63 - 132 0 - 30 1,2,4-Trimethylbenzene mg/kg 2.5 2.52 101 111 64 - 135 0 - 30 1,2-Dibromo-3-chloropropane mg/kg 2.5 2.41 96 9 75 - 130 0 - 30 1,2-Dibromo-3-chloropropane mg/kg 2.5 2.54 102 7 60 - 123 0 - 30 1,2-Dichlorobenzene mg/kg 2.5 2.36 94 10 76 - 125 0 - 30 1,2-Dichlorobenzene m	1,1,2,2-Tetrachloroethane	mg/kg 2.5	2.37	95	7	66 - 129 0 - 30
1,1-Dichloroethene mg/kg 2.5 2.6 104 3 68 - 129 0 - 30 1,1-Dichloropropene mg/kg 2.5 2.54 102 4 70 - 138 0 - 30 1,2,3-Trichloropropane mg/kg 2.5 2.35 94 9 63 - 132 0 - 30 1,2,4-Trichlorobenzene mg/kg 2.5 2.52 101 11 64 - 135 0 - 30 1,2,4-Trimethylbenzene mg/kg 2.5 2.541 96 9 75 - 130 0 - 30 1,2-Dibromo-3-chloropropane mg/kg 2.5 2.541 102 7 60 - 123 0 - 30 1,2-Dichlorobenzene mg/kg 2.5 2.53 101 6 74 - 122 0 - 30 1,2-Dichlorobenzene mg/kg 2.5 2.36 94 10 76 - 125 0 - 30 1,2-Dichlorobenzene mg	1,1,2-Trichloroethane	mg/kg 2.5	2.49	100	4	74 - 120 0 - 30
1,1-Dichloropropene mg/kg 2.5 2.54 102 4 70 - 138 0 - 30 1,2,3-Trichloropropane mg/kg 2.5 2.35 94 9 63 - 132 0 - 30 1,2,4-Trichlorobenzene mg/kg 2.5 2.52 101 11 64 - 135 0 - 30 1,2,4-Trimethylbenzene mg/kg 2.5 2.41 96 9 75 - 130 0 - 30 1,2-Dibromo-3-chloropropane mg/kg 2.5 2.54 102 7 60 - 123 0 - 30 1,2-Dibromoethane mg/kg 2.5 2.53 101 6 74 - 122 0 - 30 1,2-Dichlorobenzene mg/kg 2.5 2.36 94 10 76 - 125 0 - 30 1,2-Dichlorobenzene mg/kg 2.5 2.49 100 7 68 - 126 0 - 30 1,2-Dichloropropane mg/kg 2.5 2.45 98 10 74 - 136 0 - 30 1,3-Dichloropropane mg/kg 2.5 2.35 <t< td=""><td>1,1-Dichloroethane</td><td>mg/kg 2.5</td><td>2.65</td><td>106</td><td>3</td><td>71 - 126 0 - 30</td></t<>	1,1-Dichloroethane	mg/kg 2.5	2.65	106	3	71 - 126 0 - 30
1,2,3-Trichloropropane mg/kg 2.5 2.35 94 9 63 - 132 0 - 30 1,2,4-Trichlorobenzene mg/kg 2.5 2.52 101 11 64 - 135 0 - 30 1,2,4-Trimethylbenzene mg/kg 2.5 2.41 96 9 75 - 130 0 - 30 1,2-Dibromo-3-chloropropane mg/kg 2.5 2.54 102 7 60 - 123 0 - 30 1,2-Dibromoethane mg/kg 2.5 2.53 101 6 74 - 122 0 - 30 1,2-Dichlorobenzene mg/kg 2.5 2.36 94 10 76 - 125 0 - 30 1,2-Dichlorobenzene mg/kg 2.5 2.36 94 10 76 - 125 0 - 30 1,2-Dichloropropane mg/kg 2.5 2.49 100 7 68 - 126 0 - 30 1,2-Dichloropropane mg/kg 2.5 2.45 98 10 74 - 136 0 - 30 1,3-Dichlorobenzene mg/kg 2.5 2.45 98 10 77 - 127 0 - 30 1,4-Dichlorobenzene mg/kg<	1,1-Dichloroethene	mg/kg 2.5	2.6	104	3	68 - 129 0 - 30
1,2,4-Trichlorobenzene mg/kg 2.5 2.52 101 11 64 - 135 0 - 30 1,2,4-Trimethylbenzene mg/kg 2.5 2.41 96 9 75 - 130 0 - 30 1,2-Dibromo-3-chloropropane mg/kg 2.5 2.54 102 7 60 - 123 0 - 30 1,2-Dibromoethane mg/kg 2.5 2.53 101 6 74 - 122 0 - 30 1,2-Dichlorobenzene mg/kg 2.5 2.36 94 10 76 - 125 0 - 30 1,2-Dichlorobenzene mg/kg 2.5 2.49 100 7 68 - 126 0 - 30 1,2-Dichloropropane mg/kg 2.5 2.49 100 7 68 - 126 0 - 30 1,2-Dichlorobenzene mg/kg 2.5 2.45 98 10 74 - 136 0 - 30 1,3-Dichlorobenzene mg/kg<	1,1-Dichloropropene	mg/kg 2.5	2.54	102	4	70 - 138 0 - 30
1,2,4-Trimethylbenzene mg/kg 2.5 2.41 96 9 75 - 130 0 - 30 1,2-Dibromo-3-chloropropane mg/kg 2.5 2.54 102 7 60 - 123 0 - 30 1,2-Dibromoethane mg/kg 2.5 2.53 101 6 74 - 122 0 - 30 1,2-Dichlorobenzene mg/kg 2.5 2.36 94 10 76 - 125 0 - 30 1,2-Dichlorobenzene mg/kg 2.5 2.49 100 7 68 - 126 0 - 30 1,2-Dichloropropane mg/kg 2.5 2.44 106 3 72 - 129 0 - 30 1,3-Dichloropropane mg/kg 2.5 2.45 98 10 74 - 136 0 - 30 1,3-Dichloropropane mg/kg 2.5 2.45 98 4 77 - 121 0 - 30 1,3-Dichloropropane mg/kg	1,2,3-Trichloropropane	mg/kg 2.5	2.35	94	9	63 - 132 0 - 30
1,2-Dibromo-3-chloropropane mg/kg 2.5 2.54 102 7 60 - 123 0 - 30 1,2-Dibromoethane mg/kg 2.5 2.53 101 6 74 - 122 0 - 30 1,2-Dichlorobenzene mg/kg 2.5 2.36 94 10 76 - 125 0 - 30 1,2-Dichlorobenzene mg/kg 2.5 2.49 100 7 68 - 126 0 - 30 1,2-Dichloropropane mg/kg 2.5 2.49 100 7 68 - 126 0 - 30 1,2-Dichloropropane mg/kg 2.5 2.45 98 10 74 - 136 0 - 30 1,3-Dichloropropane mg/kg 2.5 2.45 98 10 74 - 127 0 - 30 1,3-Dichloropropane mg/kg 2.5 2.45 98 4 77 - 127 0 - 30 1,3-Dichloropropane mg/kg 2.5 2.45 98 4 77 - 121 0 - 30 1,2-Dichloropropane mg/kg 2.5 2.65 106	1,2,4-Trichlorobenzene	mg/kg 2.5	2.52	101	11	64 - 135 0 - 30
1,2-Dibromoethane mg/kg 2.5 2.53 101 6 74 - 122 0 - 30 1,2-Dichlorobenzene mg/kg 2.5 2.36 94 10 76 - 125 0 - 30 1,2-Dichloroethane mg/kg 2.5 2.49 100 7 68 - 126 0 - 30 1,2-Dichloropropane mg/kg 2.5 2.64 106 3 72 - 129 0 - 30 1,3,5-Trimethylbenzene mg/kg 2.5 2.45 98 10 74 - 136 0 - 30 1,3-Dichlorobenzene mg/kg 2.5 2.45 98 10 74 - 136 0 - 30 1,3-Dichloropropane mg/kg 2.5 2.45 98 4 77 - 127 0 - 30 1,3-Dichloropropane mg/kg 2.5 2.35 94 9 77 - 121 0 - 30 1,4-Dichlorobenzene mg/kg 2.5 2.45 98 4 77 - 121 0 - 30 2,2-Dichloropropane mg/kg 2.5 2.33 93 8 74 - 123 0 - 30 2,2-Dichloropropane mg/kg 2.5 2.65 106 .8 74 - 122 0 - 30 2-Butanone m	1,2,4-Trimethylbenzene	mg/kg 2.5	2.41	96	9	75 - 130 0 - 30
1,2-Dichlorobenzene mg/kg 2.5 2.36 94 10 76 - 125 0 - 30 1,2-Dichloroethane mg/kg 2.5 2.49 100 7 68 - 126 0 - 30 1,2-Dichloropropane mg/kg 2.5 2.64 106 3 72 - 129 0 - 30 1,3-Dichloropropane mg/kg 2.5 2.45 98 10 74 - 136 0 - 30 1,3-Dichlorobenzene mg/kg 2.5 2.45 98 10 74 - 136 0 - 30 1,3-Dichloropropane mg/kg 2.5 2.45 98 4 77 - 121 0 - 30 1,4-Dichlorobenzene mg/kg 2.5 2.45 98 4 77 - 121 0 - 30 2,2-Dichloropopane mg/kg 2.5 2.65 106 .8 74 - 123 0 - 30 2-Butanone mg/kg 2.5 <td>1,2-Dibromo-3-chloropropane</td> <td>mg/kg 2.5</td> <td>2.54</td> <td>102</td> <td>7</td> <td>60 - 123 0 - 30</td>	1,2-Dibromo-3-chloropropane	mg/kg 2.5	2.54	102	7	60 - 123 0 - 30
1,2-Dichloroethane mg/kg 2.5 2.49 100 7 68 - 126 0 - 30 1,2-Dichloropropane mg/kg 2.5 2.64 106 3 72 - 129 0 - 30 1,3,5-Trimethylbenzene mg/kg 2.5 2.45 98 10 74 - 136 0 - 30 1,3-Dichlorobenzene mg/kg 2.5 2.35 94 9 77 - 127 0 - 30 1,3-Dichloropropane mg/kg 2.5 2.45 98 4 77 - 121 0 - 30 1,4-Dichloropropane mg/kg 2.5 2.33 93 8 74 - 123 0 - 30 2,2-Dichloropropane mg/kg 2.5 2.65 106 .8 74 - 129 0 - 30 2,2-Dichloropropane mg/kg 2.5 2.65 106 .8 74 - 129 0 - 30 2-Butanone mg/kg 2.5 2.53 101 10 47 - 142 0 - 30 2-Chlorotoluene mg/kg 2.5 2.37 95 7 </td <td>1,2-Dibromoethane</td> <td>mg/kg 2.5</td> <td>2.53</td> <td>101</td> <td>6</td> <td>74 - 122 0 - 30</td>	1,2-Dibromoethane	mg/kg 2.5	2.53	101	6	74 - 122 0 - 30
1,2-Dichloropropane mg/kg 2.5 2.64 106 3 72 - 129 0 - 30 1,3,5-Trimethylbenzene mg/kg 2.5 2.45 98 10 74 - 136 0 - 30 1,3-Dichlorobenzene mg/kg 2.5 2.35 94 9 77 - 127 0 - 30 1,3-Dichloropropane mg/kg 2.5 2.45 98 4 77 - 121 0 - 30 1,4-Dichlorobenzene mg/kg 2.5 2.33 93 8 74 - 123 0 - 30 2,2-Dichloropropane mg/kg 2.5 2.65 106 .8 74 - 129 0 - 30 2,2-Dichloropropane mg/kg 2.5 2.65 106 .8 74 - 129 0 - 30 2,2-Dichloropropane mg/kg 2.5 2.53 101 10 47 - 142 0 - 30 2-Butanone mg/kg 2.5 2.53 101 10 47 - 142 0 - 30 2-Chlorotoluene mg/kg 2.5 2.81 112 13 42 - 134 0 - 30 2-Hexanone mg/kg 2.5 <	1,2-Dichlorobenzene	mg/kg 2.5	2.36	94	10	76 - 125 0 - 30
1,3,5-Trimethylbenzene mg/kg 2.5 2.45 98 10 74 - 136 0 - 30 1,3-Dichlorobenzene mg/kg 2.5 2.35 94 9 77 - 127 0 - 30 1,3-Dichloropropane mg/kg 2.5 2.45 98 4 77 - 121 0 - 30 1,4-Dichlorobenzene mg/kg 2.5 2.33 93 8 74 - 123 0 - 30 2,2-Dichloropropane mg/kg 2.5 2.65 106 .8 74 - 129 0 - 30 2-Butanone mg/kg 2.5 2.53 101 10 47 - 142 0 - 30 2-Chlorotethylvinyl ether mg/kg 2.5 2.81 112 13 42 - 134 0 - 30 2-Chlorotoluene mg/kg 2.5 2.37 95 7 75 - 132 0 - 30 2-Hexanone mg/kg 2.5 2.38 95 9 74 - 133 0 - 30 4-Chlorotoluene mg/kg 2.5 2.38 95 9 74 - 133 0 - 30 4-Sopropyltoluene mg/kg 2.5 2.	1,2-Dichloroethane	mg/kg 2.5	2.49	100	7	68 - 126 0 - 30
1,3-Dichlorobenzene mg/kg 2.5 2.35 94 9 77 - 127 0 - 30 1,3-Dichloropropane mg/kg 2.5 2.45 98 4 77 - 121 0 - 30 1,4-Dichlorobenzene mg/kg 2.5 2.33 93 8 74 - 123 0 - 30 2,2-Dichloropropane mg/kg 2.5 2.65 106 .8 74 - 129 0 - 30 2-Butanone mg/kg 2.5 2.53 101 10 47 - 142 0 - 30 2-Chloroethylvinyl ether mg/kg 2.5 2.81 112 13 42 - 134 0 - 30 2-Chlorotoluene mg/kg 2.5 2.37 95 7 75 - 132 0 - 30 2-Hexanone mg/kg 2.5 2.37 95 7 75 - 132 0 - 30 4-Chlorotoluene mg/kg 2.5 2.38 95 9 74 - 137 0 - 30 4-Isopropyltoluene mg/kg 2.5 2.44 98 12 71 - 136 0 - 30 4-Methyl-2-pentanone mg/kg 2.5 2.67	1,2-Dichloropropane	mg/kg 2.5	2.64	106	3	72 - 129 0 - 30
1,3-Dichloropropane mg/kg 2.5 2.45 98 4 77 - 121 0 - 30 1,4-Dichlorobenzene mg/kg 2.5 2.33 93 8 74 - 123 0 - 30 2,2-Dichloropropane mg/kg 2.5 2.65 106 .8 74 - 129 0 - 30 2-Butanone mg/kg 2.5 2.53 101 10 47 - 142 0 - 30 2-Chloroethylvinyl ether mg/kg 2.5 2.81 112 13 42 - 134 0 - 30 2-Chlorotoluene mg/kg 2.5 2.37 95 7 75 - 132 0 - 30 2-Hexanone mg/kg 2.5 2.67 107 3 47 - 137 0 - 30 4-Chlorotoluene mg/kg 2.5 2.38 95 9 74 - 133 0 - 30 4-Isopropyltoluene mg/kg 2.5 2.44 98 12 71 - 136 0 - 30 4-Methyl-2-pentanone mg/kg 2.5 2.67 107 3 38 - 152 0 - 30 Acetone mg/kg 12.5 11.6	1,3,5-Trimethylbenzene	mg/kg 2.5	2.45	98	10	74 - 136 0 - 30
1,4-Dichlorobenzene mg/kg 2.5 2.33 93 8 74 - 123 0 - 30 2,2-Dichloropropane mg/kg 2.5 2.65 106 .8 74 - 129 0 - 30 2-Butanone mg/kg 2.5 2.53 101 10 47 - 142 0 - 30 2-Chloroethylvinyl ether mg/kg 2.5 2.81 112 13 42 - 134 0 - 30 2-Chlorotoluene mg/kg 2.5 2.37 95 7 75 - 132 0 - 30 2-Hexanone mg/kg 2.5 2.67 107 3 47 - 137 0 - 30 4-Chlorotoluene mg/kg 2.5 2.38 95 9 74 - 133 0 - 30 4-Isopropyltoluene mg/kg 2.5 2.44 98 12 71 - 136 0 - 30 4-Methyl-2-pentanone mg/kg 2.5 2.67 107 3 38 - 152 0 - 30 Acetone mg/kg 12.5 11.6 93 0 34 - 158 0 - 30	1,3-Dichlorobenzene	mg/kg 2.5	2.35	94	9	77 - 127 0 - 30
2,2-Dichloropropane mg/kg 2.5 2.65 106 .8 74 - 129 0 - 30 2-Butanone mg/kg 2.5 2.53 101 10 47 - 142 0 - 30 2-Chloroethylvinyl ether mg/kg 2.5 2.81 112 13 42 - 134 0 - 30 2-Chlorotoluene mg/kg 2.5 2.37 95 7 75 - 132 0 - 30 2-Hexanone mg/kg 2.5 2.67 107 3 47 - 137 0 - 30 4-Chlorotoluene mg/kg 2.5 2.38 95 9 74 - 133 0 - 30 4-Isopropyltoluene mg/kg 2.5 2.44 98 12 71 - 136 0 - 30 4-Methyl-2-pentanone mg/kg 2.5 2.67 107 3 38 - 152 0 - 30 Acetone mg/kg 2.5 2.67 107 3 38 - 152 0 - 30	1,3-Dichloropropane	mg/kg 2.5	2.45	98	4	77 - 121 0 - 30
2-Butanone mg/kg 2.5 2.53 101 10 47 - 142 0 - 30 2-Chloroethylvinyl ether mg/kg 2.5 2.81 112 13 42 - 134 0 - 30 2-Chlorotoluene mg/kg 2.5 2.37 95 7 75 - 132 0 - 30 2-Hexanone mg/kg 2.5 2.67 107 3 47 - 137 0 - 30 4-Chlorotoluene mg/kg 2.5 2.38 95 9 74 - 133 0 - 30 4-Chlorotoluene mg/kg 2.5 2.38 95 9 74 - 133 0 - 30 4-Isopropyltoluene mg/kg 2.5 2.44 98 12 71 - 136 0 - 30 4-Methyl-2-pentanone mg/kg 2.5 2.77 111 2 52 - 136 0 - 30 Acetone mg/kg 2.5 2.67 107 3 38 - 152 0 - 30 Acrolein mg/kg 12.5 11.6 93 0 34 - 158 0 - 30	1,4-Dichlorobenzene	mg/kg 2.5	2.33	93	8	74 - 123 0 - 30
2-Chloroethylvinyl ether mg/kg 2.5 2.81 112 13 42 - 134 0 - 30 2-Chlorotoluene mg/kg 2.5 2.37 95 7 75 - 132 0 - 30 2-Hexanone mg/kg 2.5 2.67 107 3 47 - 137 0 - 30 4-Chlorotoluene mg/kg 2.5 2.38 95 9 74 - 133 0 - 30 4-Isopropyltoluene mg/kg 2.5 2.44 98 12 71 - 136 0 - 30 4-Methyl-2-pentanone mg/kg 2.5 2.77 111 2 52 - 136 0 - 30 Acetone mg/kg 2.5 2.67 107 3 38 - 152 0 - 30 Acrolein mg/kg 12.5 11.6 93 0 34 - 158 0 - 30	2,2-Dichloropropane	mg/kg 2.5	2.65	106	.8	74 - 129 0 - 30
2-Chlorotoluene mg/kg 2.5 2.37 95 7 75 - 132 0 - 30 2-Hexanone mg/kg 2.5 2.67 107 3 47 - 137 0 - 30 4-Chlorotoluene mg/kg 2.5 2.38 95 9 74 - 133 0 - 30 4-Isopropyltoluene mg/kg 2.5 2.44 98 12 71 - 136 0 - 30 4-Methyl-2-pentanone mg/kg 2.5 2.77 111 2 52 - 136 0 - 30 Acetone mg/kg 2.5 2.67 107 3 38 - 152 0 - 30 Acrolein mg/kg 12.5 11.6 93 0 34 - 158 0 - 30	2-Butanone	mg/kg 2.5	2.53	101	10	47 - 142 0 - 30
2-Hexanone mg/kg 2.5 2.67 107 3 47 - 137 0 - 30 4-Chlorotoluene mg/kg 2.5 2.38 95 9 74 - 133 0 - 30 4-Isopropyltoluene mg/kg 2.5 2.44 98 12 71 - 136 0 - 30 4-Methyl-2-pentanone mg/kg 2.5 2.77 111 2 52 - 136 0 - 30 Acetone mg/kg 2.5 2.67 107 3 38 - 152 0 - 30 Acrolein mg/kg 12.5 11.6 93 0 34 - 158 0 - 30	2-Chloroethylvinyl ether	mg/kg 2.5	2.81	112	13	42 - 134 0 - 30
4-Chlorotoluene mg/kg 2.5 2.38 95 9 74 - 133 0 - 30 4-Isopropyltoluene mg/kg 2.5 2.44 98 12 71 - 136 0 - 30 4-Methyl-2-pentanone mg/kg 2.5 2.77 111 2 52 - 136 0 - 30 Acetone mg/kg 2.5 2.67 107 3 38 - 152 0 - 30 Acrolein mg/kg 12.5 11.6 93 0 34 - 158 0 - 30	2-Chlorotoluene	mg/kg 2.5	2.37	95	7	75 - 132 0 - 30
4-Isopropyltoluene mg/kg 2.5 2.44 98 12 71 - 136 0 - 30 4-Methyl-2-pentanone mg/kg 2.5 2.77 111 2 52 - 136 0 - 30 Acetone mg/kg 2.5 2.67 107 3 38 - 152 0 - 30 Acrolein mg/kg 12.5 11.6 93 0 34 - 158 0 - 30	2-Hexanone	mg/kg 2.5	2.67	107	3	47 - 137 0 - 30
4-Methyl-2-pentanone mg/kg 2.5 2.77 111 2 52 - 136 0 - 30 Acetone mg/kg 2.5 2.67 107 3 38 - 152 0 - 30 Acrolein mg/kg 12.5 11.6 93 0 34 - 158 0 - 30	4-Chlorotoluene	mg/kg 2.5	2.38	95	9	74 - 133 0 - 30
Acetone mg/kg 2.5 2.67 107 3 38 - 152 0 - 30 Acrolein mg/kg 12.5 11.6 93 0 34 - 158 0 - 30	4-Isopropyltoluene	mg/kg 2.5	2.44	98	12	71 - 136 0 - 30
Acrolein mg/kg 12.5 11.6 93 0 34 - 158 0 - 30	4-Methyl-2-pentanone	mg/kg 2.5	2.77	111	2	52 - 136 0 - 30
	Acetone	mg/kg 2.5	2.67	107	3	38 - 152 0 - 30
Acrylonitrile mg/kg 12.5 12.7 102 .8 49 - 142 0 - 30	Acrolein	mg/kg 12.5	11.6	93	0	34 - 158 0 - 30
	Acrylonitrile	mg/kg 12.5	12.7	102	.8	49 - 142 0 - 30
Benzene mg/kg 2.5 2.52 101 2 73 - 128 0 - 30	Benzene	mg/kg 2.5	2.52	101	2	73 - 128 0 - 30
Bromobenzene mg/kg 2.5 2.23 89 8 73 - 124 0 - 30	Bromobenzene	mg/kg 2.5	2.23	89	8	73 - 124 0 - 30
Bromodichloromethane mg/kg 2.5 2.68 107 1 74 - 126 0 - 30	Bromodichloromethane	mg/kg 2.5	2.68	107	1	74 - 126 0 - 30
Bromoform mg/kg 2.5 2.6 104 6 67 - 122 0 - 30	Bromoform	mg/kg 2.5	2.6	104	6	67 - 122 0 - 30
Bromomethane mg/kg 2.5 2.51 100 .8 48 - 139 0 - 30	Bromomethane	mg/kg 2.5	2.51	100	.8	48 - 139 0 - 30
Carbon disulfide mg/kg 2.5 2.75 110 4 68 - 133 0 - 30	Carbon disulfide	mg/kg 2.5	2.75	110	4	68 - 133 0 - 30

 RPD :
 0
 out of
 74
 outside limits

 Spike Recovery:
 0
 out of
 148
 outside limits

[#] Column to be used to flag recovery and RPD values with an asterisk

^{*} Values outside of QC limits

Lab Name: GCAL							
Lab Code: LA024	Case No.:			SAS No.:	s	SDG No.: 21101140	05
Contract:				Method: SW-846	8260		
Analytical Batch: 449157							
Carbon tetrachloride	mg/kg	2.5	2.74	110	3	71 - 133	0 - 30
Chlorobenzene	mg/kg	2.5	2.45	98	2	75 - 121	0 - 30
Chloroethane	mg/kg	2.5	2.8	112	1	57 - 144	0 - 30
Chloroform	mg/kg	2.5	2.62	105	2	74 - 124	0 - 30
Chloromethane	mg/kg	2.5	2.88	115	8	61 - 130	0 - 30
Cyclohexane	mg/kg	2.5	2.54	102	8	70 - 136	0 - 30
Dibromochloromethane	mg/kg	2.5	2.65	106	0	74 - 122	0 - 30
Dibromomethane	mg/kg	2.5	2.51	100	7	72 - 125	0 - 30
Dichlorodifluoromethane	mg/kg	2.5	3.04	122	7	59 - 138	0 - 30
Ethylbenzene	mg/kg	2.5	2.43	97	2	74 - 130	0 - 30
Hexachlorobutadiene	mg/kg	2.5	2.42	97	18	71 - 140	0 - 30
Isopropylbenzene (Cumene)	mg/kg	2.5	2.59	104	5	74 - 125	0 - 30
Methyl Acetate	mg/kg	2.5	2.89	116	4	49 - 138	0 - 30
Methyl iodide	mg/kg	2.5	2.18	87	0	54 - 140	0 - 30
Methylcyclohexane	mg/kg	2.5	2.76	110	5	70 - 142	0 - 30
Methylene chloride	mg/kg	2.5	2.48	99	4	66 - 130	0 - 30
Naphthalene	mg/kg	2.5	2.73	109	6	54 - 132	0 - 30
Styrene	mg/kg	2.5	2.65	106	0	72 - 128	0 - 30
Tetrachloroethene	mg/kg	2.5	2.48	99	5	70 - 127	0 - 30
Toluene	mg/kg	2.5	2.47	99	.4	74 - 121	0 - 30
Trichloroethene	mg/kg	2.5	2.59	104	0	78 - 127	0 - 30
Trichlorofluoromethane	mg/kg	2.5	2.7	108	1	64 - 141	0 - 30
Trichlorotrifluoroethane	mg/kg	2.5	2.67	107	4	66 - 139	0 - 30
Vinyl acetate	mg/kg	2.5	1.61	64	13	53 - 140	0 - 30
Vinyl chloride	mg/kg	2.5	2.89	116	8	67 - 131	0 - 30
Xylene (total)	mg/kg	7.5	7.6	101	1	71 - 129	0 - 30
cis-1,2-Dichloroethene	mg/kg	2.5	2.58	103	5	72 - 130	0 - 30
cis-1,3-Dichloropropene	mg/kg	2.5	2.63	105	7	72 - 129	0 - 30
m,p-Xylene	mg/kg	5	5.1	102	.2	72 - 128	0 - 30
n-Butylbenzene	mg/kg	2.5	2.55	102	12	68 - 144	0 - 30
n-Propylbenzene	mg/kg	2.5	2.34	94	11	73 - 137	0 - 30
o-Xylene	mg/kg	2.5	2.5	100	4	69 - 133	0 - 30
sec-Butylbenzene	mg/kg	2.5	2.39	96	13	72 - 141	0 - 30
tert-Butyl methyl ether (MTBE)	mg/kg	2.5	2.61	104	2	69 - 126	0 - 30
tert-Butylbenzene	mg/kg	2.5	2.36	94	11	72 - 136	0 - 30
trans-1,2-Dichloroethene	mg/kg	2.5	2.64	106	.4	67 - 134	0 - 30
trans-1,3-Dichloropropene	mg/kg	2.5	2.5	100	10	72 - 126	0 - 30
trans-1,4-Dichloro-2-butene	mg/kg	2.5	2.21	88	15	44 - 146	0 - 30

 RPD : 0 out of 74 outside limits

 Spike Recovery: 0 out of 148 outside limits

[#] Column to be used to flag recovery and RPD values with an asterisk

^{*} Values outside of QC limits

4A VOLATILE METHOD BLANK SUMMARY

SAMPLE NO.	
MB913048	

Lab Name:	GCAL		Contract:		
Lab Code:	LA024	Case No.:	SAS No.:		SDG No.: 211011405
Lab File ID:	2110116/a8963		Lab Sample ID:	913048	Date Extracted:
GC Column:	RTX-VMS-30	ID:25 (mm	Date Analyzed:	01/16/11	Time: 1033
Instrument I	D: MSV11	Matrix: Water	Heated Purge:	N	
Level: LO	W				
Prep Batch:		Analytical Batch: 44901	2		

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD

SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
LCS913049	913049	2110116/a8960L	01/16/11	0923
LCSD913050	913050	2110116/a8961	01/16/11	0946
EQUIPMENT BLANK	21101140514	2110116/a8966	01/16/11	1142
TRIP BLANK 1	21101140515	2110116/a8967	01/16/11	1205
TRIP BLANK 2	21101140516	2110116/a8968	01/16/11	1228

4A VOLATILE METHOD BLANK SUMMARY

MB913051	

Lab Name:	GCAL		Contract:			
Lab Code:	LA024	Case No.:	SAS No.:		SDG No.:	211011405
Lab File ID:	2110116/a8964		Lab Sample ID:	913051	Date Ex	tracted:
GC Column:	RTX-VMS-30	ID:25 (mm	Date Analyzed:	01/16/11	Time:	1055
Instrument I	273	Matrix: Solid	Heated Purge:	Y		
Level: LO	N			4		
Prep Batch:		Analytical Batch: 44901	3			

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD

	LAB	LAB	DATE	TIME
SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED	ANALYZEL
LCS913052	913052	2110116/a8960s	01/16/11	0923
LCSD913053	913053	2110116/a8961s	01/16/11	0946
T-15-F	21101140501	2110116/a8965	01/16/11	1118
T-15-F MS	21101140502	2110116/a8972	01/16/11	1401
T-15-F MSD	21101140503	2110116/a8973	01/16/11	1425
T-21-F	21101140504	2110116/a8977	01/16/11	1603
NC-0-0.3	21101140505	2110116/a8978	01/16/11	1627
T-6-NORTH	21101140510	2110116/a8979	01/16/11	1651
SC-W	21101140512	2110116/a8980	01/16/11	1715
SC-E	21101140513	2110116/a8981	01/16/11	1739
T-6-FLOOR	21101140507	2110116/a8982	01/16/11	1809
T-6-EAST	21101140508	2110116/a8984	01/16/11	1857
T-6-SOUTH	21101140509	2110116/a8985	01/16/11	1922
BLIND DUP	21101140511	2110116/a8986	01/16/11	1946

4A VOLATILE METHOD BLANK SUMMARY

	VOLATILE	METHOD	BLANK SUMMA	RY	SAMPLE NO.
					MB913705
GCAL			Contract:		
LA024	Case No.:		SAS No.:		SDG No.: 211011405
2110118p/k9909			Lab Sample ID:	913705	Date Extracted:
RTX-VMS-30	ID: .25	(mm	Date Analyzed:	01/18/11	Time: 1455
D: MSV5	Matrix: Solid		Heated Purge:	Y	
	Analytical Batch	449157	7		
	2110118p/k9909 RTX-VMS-30 D: MSV5	GCAL LA024	GCAL LA024	GCAL Contract: LA024 Case No.: SAS No.: 2110118p/k9909 Lab Sample ID: RTX-VMS-30 ID: .25 (mm) Date Analyzed: D: MSV5 Matrix: Solid Heated Purge:	LA024 Case No.: SAS No.: 2110118p/k9909 Lab Sample ID: 913705 RTX-VMS-30 ID: .25 (mm) Date Analyzed: 01/18/11 D: MSV5 Matrix: Solid Heated Purge: Y

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD

SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZEI
LCS913706	913706	2110118p/k9905	01/18/11	1319
LCSD913707	913707	2110118p/k9906	01/18/11	1342
T-2-WEST	21101140506	2110118p/k9911	01/18/11	1541

Lab Name:	GCAL				Contract:			
Lab Code:	LA024	024 Case No.:		SAS No.:		SDG No.:	211011405	
Lab File ID:	2110114/a8912B				BFB Injection Date:	01/14/11		
Instrument I	D: MSV11				BFB Injection Time:	0948		
GC Column	RTX-VMS-30	ID:	.25	(mm				
Analytical B	atch: 449006							

m/e	ION ABUNDANCE CRITERIA	% Relative Abundance					
	15.0 - 40.0% of mass 95	19.72 (

50	15.0 - 40.0% of mass 95	19.72	()	
75	30.0 - 60.0% of mass 95	48.91	()	
95	Base Peak, 100% relative abundance	100	()	
96	5.0 -9.0% of mass 95	6.73	()	
173	Less than 2.0% of mass 174	.24	(.29)	1
174	50.0 - 120.0% of mass 95	85.86	()	
175	5.0 - 9.0% of mass 174	6.7	(7.81)	1
176	95.0 - 101.0% of mass 174	82.19	(95.73)	1
177	5.0 - 9.0% of mass 176	5.39	(6.56)	2

¹⁻ Value is % mass 174

	LAB	LAB	DATE	TIME	
SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED	ANALYZEL	
V11STD001PPB	1208	2110114/a8914	01/14/11	1109	
V11STD005PPB	1201	2110114/a8915	01/14/11	1141	
V11STD010PPB	1206	2110114/a8916	01/14/11	1209	
V11STD020PPB	1202	2110114/a8917	01/14/11	1241	
V11STD050PPB	1203	2110114/a8918	01/14/11	1315	
V11STD100PPB	1204	2110114/a8919	01/14/11	1348	
V11STD200PPB	1205	2110114/a8920	01/14/11	1428	
V11ICV	1600	2110114/a8922	01/14/11	1530	

²⁻ Value is % mass 176

Lab Name:				Contract:					
Lab Code: LA024		Case No.:			SAS No.:	SDG No.:	211011405		
Lab File ID:	2110115/a8930B				BFB Injection Date:	01/15/11			
Instrument I	D: MSV11				BFB Injection Time:	0816			
GC Column	RTX-VMS-30	ID:	.25	(mm					
Analytical D	otab: 440044								

m/e	ION ABUNDANCE CRITERIA	% Relative Abundance						
50	15.0 - 40.0% of mass 95	21.8	()			
75	30.0 - 60.0% of mass 95	48.58	()			
95	Base Peak, 100% relative abundance	100	()			
96	5.0 -9.0% of mass 95	6.81	()			
173	Less than 2.0% of mass 174	.49	(.56)	1		
174	50.0 - 120.0% of mass 95	88.74	()			
175	5.0 - 9.0% of mass 174	6.88	(7.76)	1		
176	95.0 - 101.0% of mass 174	86.84	(97.86)	1		
177	5.0 - 9.0% of mass 176	5.34	(6.16)	2		

¹⁻ Value is % mass 174

	LAB	LAB	DATE	TIME	
SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED	ANALYZEL	
V11STD005PPB	1201	2110115/a8933	01/15/11	0957	
V11STD010PPB	1206	2110115/a8934	01/15/11	1021	
V11STD020PPB	1202	2110115/a8935	01/15/11	1045	
V11STD050PPB	1203	2110115/a8936	01/15/11	1109	
V11STD100PPB	1204	2110115/a8937	01/15/11	1132	
V11STD200PPB	1205	2110115/a8938	01/15/11	1155	
V11STD001PPB	1208	2110115/a8941	01/15/11	1306	
V11ICV	1600	2110115/a8944	01/15/11	1459	

²⁻ Value is % mass 176

Lab Name:	ame: GCAL				Contract:			
Lab Code:	LA024	Case No.			SAS No.:		SDG No.:	211011405
Lab File ID:	2110116/a8958				BFB Injection Date:	01/16/11		
Instrument I	D: MSV11				BFB Injection Time:	0811		
GC Column	RTX-VMS-30	ID:	.25	(mm				
Analytical B	atch: 449012							

m/e	ION ABUNDANCE CRITERIA	% Relative Abundance						
50	15.0 - 40.0% of mass 95	19.89	()			
75	30.0 - 60.0% of mass 95	50.58	()			
95	Base Peak, 100% relative abundance	100	()			
96	5.0 -9.0% of mass 95	6.63	()			
173	Less than 2.0% of mass 174	0	(0)	1		
174	50.0 - 120.0% of mass 95	88.66	()			
175	5.0 - 9.0% of mass 174	7.54	(8.51)	1		
176	95.0 - 101.0% of mass 174	87.03	(98.17)	1		
177	5.0 - 9.0% of mass 176	5.51	(6.34	1	2		

¹⁻ Value is % mass 174

2- Value is % mass 176

	LAB	LAB	DATE	TIME
SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED	ANALYZED
V11STD050APP9	1400	2110116/a8959	01/16/11	0859
V11STD050	1400	2110116/a8960	01/16/11	0923
LCS913049	913049	2110116/a8960L	01/16/11	0923
LCSD913050	913050	2110116/a8961	01/16/11	0946
MB913048	913048	2110116/a8963	01/16/11	1033
EQUIPMENT BLANK	21101140514	2110116/a8966	01/16/11	1142
TRIP BLANK 1	21101140515	2110116/a8967	01/16/11	1205
TRIP BLANK 2	21101140516	2110116/a8968	01/16/11	1228

Lab Name:	GCAL				Contract:					
Lab Code: LA024		Case No.:			SAS No.:		SDG No.:	211011405		
Lab File ID:	2110116/a8958s				BFB Injection Date:	01/16/11				
Instrument I	D: MSV11				BFB Injection Time:	0811				
GC Column	RTX-VMS-30	ID:	.25	(mm						
Analytical B	atch: 449013									

m/e	ION ABUNDANCE CRITERIA	10000	Rela unda	tive ance		
50	15.0 - 40.0% of mass 95	19.89	()	
75	30.0 - 60.0% of mass 95	50.58	()	
95	Base Peak, 100% relative abundance	100	()	
96	5.0 -9.0% of mass 95	6.63	()	
173	Less than 2.0% of mass 174	0	(0)	1
174	50.0 - 120.0% of mass 95	88.66	()	
175	5.0 - 9.0% of mass 174	7.54	(8.51)	1
176	95.0 - 101.0% of mass 174	87.03	(98.17)	1
177	5.0 - 9.0% of mass 176	5.51	(6.34)	2

¹⁻ Value is % mass 174

2- Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	LAB	LAB	DATE	TIME
SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED	ANALYZE
V11STD050APP9	1400	2110116/a8959s	01/16/11	0859
V11STD050	1400	2110116/a8960s	01/16/11	0923
LCS913052	913052	2110116/a8960s	01/16/11	0923
LCSD913053	913053	2110116/a8961s	01/16/11	0946
MB913051	913051	2110116/a8964	01/16/11	1055
T-15-F	21101140501	2110116/a8965	01/16/11	1118
T-15-F MS	21101140502	2110116/a8972	01/16/11	1401
T-15-F MSD	21101140503	2110116/a8973	01/16/11	1425
T-21-F	21101140504	2110116/a8977	01/16/11	1603
NC-0-0.3	21101140505	2110116/a8978	01/16/11	1627
T-6-NORTH	21101140510	2110116/a8979	01/16/11	1651
SC-W	21101140512	2110116/a8980	01/16/11	1715
SC-E	21101140513	2110116/a8981	01/16/11	1739
T-6-FLOOR	21101140507	2110116/a8982	01/16/11	1809
T-6-EAST	21101140508	2110116/a8984	01/16/11	1857
T-6-SOUTH	21101140509	2110116/a8985	01/16/11	1922

FORM V VOA

Lab Name:	GCAL				Contract:			
Lab Code:	LA024	Case No.	:		SAS No.:		SDG No.:	211011405
Lab File ID:	2110116/a8958s				BFB Injection Date:	01/16/11		
Instrument I	D: MSV11				BFB Injection Time:	0811		
GC Column:	RTX-VMS-30	ID:	.25	(mm				
Analytical Ba	atch: 449013							
17	BLIND DUP			211011	40511 2110116/a898	6 01/16	/11	1946

FORM V VOA

Lab Name:	GCAL				Contract:				
Lab Code:	LA024	Case No.	:		SAS No.:		SDG No.:	211011405	
Lab File ID:	2110107/k9745				BFB Injection Date:	01/07/11			
Instrument I	D: MSV5				BFB Injection Time:	1024			
GC Column	RTX-VMS-30	ID:	.25	(mm					
Applytical P	atch: 448507								

m/e	ION ABUNDANCE CRITERIA	353735	Rela unda	tive ance		
50	15.0 - 40.0% of mass 95	20.1	()	
75	30.0 - 60.0% of mass 95	48.92	()	
95	Base Peak, 100% relative abundance	100	()	
96	5.0 -9.0% of mass 95	6.24	()	
173	Less than 2.0% of mass 174	0	(0)	1
174	50.0 - 120.0% of mass 95	74.06	()	
175	5.0 - 9.0% of mass 174	5.84	(7.89)	1
176	95.0 - 101.0% of mass 174	72.34	(97.69)	1
177	5.0 - 9.0% of mass 176	4.32	(5.98)	2

¹⁻ Value is % mass 174

	LAB	LAB	DATE	TIME	
SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED	ANALYZE	
V5APP9	1207	2110107/k9746	01/07/11	1114	
V5APP9	1201	2110107/k9747	01/07/11	1136	
V5APP9	1202	2110107/k9749	01/07/11	1221	
V5APP9	1203	2110107/k9750	01/07/11	1243	
V5APP9	1204	2110107/k9751	01/07/11	1306	
V5APP9	1205	2110107/k9752	01/07/11	1330	
V5APP9	1206	2110107/k9755	01/07/11	1542	
APP9ICV	1600	2110107/k9756	01/07/11	1604	

²⁻ Value is % mass 176

Lab Name:	GCAL				Contract:			
Lab Code:	LA024	Case No.	:		SAS No.:		SDG No.:	211011405
Lab File ID:	2110107p/k9757				BFB Injection Date:	01/07/11		
Instrument I	D: MSV5				BFB Injection Time:	1702		
GC Column	RTX-VMS-30	ID:	.25	(mm				
Analytical B	atch: 448598							

m/e	ION ABUNDANCE CRITERIA	% I				
50	15.0 - 40.0% of mass 95	20.56	()	
75	30.0 - 60.0% of mass 95	47.75	()	
95	Base Peak, 100% relative abundance	100	()	
96	5.0 -9.0% of mass 95	5.95	()	
173	Less than 2.0% of mass 174	0	(0)	1
174	50.0 - 120.0% of mass 95	70.28	()	
175	5.0 - 9.0% of mass 174	5.23	(7.45)	1
176	95.0 - 101.0% of mass 174	67.79	(96.47)	1
177	5.0 - 9.0% of mass 176	4.52	(6.68)	2

¹⁻ Value is % mass 174

	LAB	LAB	DATE	TIME
SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED	ANALYZED
V5STD001	1207	2110107p/k9758	01/07/11	1808
V5STD005	1201	2110107p/k9759	01/07/11	1830
V5STD010	1206	2110107p/k9760	01/07/11	1854
V5STD020	1202	2110107p/k9761	01/07/11	1916
V5STD050	1203	2110107p/k9762	01/07/11	1938
V5STD100	1204	2110107p/k9763	01/07/11	2001
V5STD200	1205	2110107p/k9764	01/07/11	2023
8260ICV	1600	2110107p/k9766	01/07/11	2107

²⁻ Value is % mass 176

Lab Name:	GCAL				Contract:				
Lab Code:	LA024	Case No.			SAS No.:		SDG No.:	211011405	
Lab File ID:	2110118p/k9903				BFB Injection Date:	01/18/11			
Instrument I	D: MSV5				BFB Injection Time:	1233			
GC Column	RTX-VMS-30	ID:	.25	(mm					
Analytical B	atch: 449157								

m/e	ION ABUNDANCE CRITERIA	111252	Rela unda	tive ance		
50	15.0 - 40.0% of mass 95	20.55	()	
75	30.0 - 60.0% of mass 95	49.57	()	
95	Base Peak, 100% relative abundance	100	()	
96	5.0 -9.0% of mass 95	6.7	()	
173	Less than 2.0% of mass 174	0	(0)	1
174	50.0 - 120.0% of mass 95	66.86	()	
175	5.0 - 9.0% of mass 174	4.76	(7.12)	1
176	95.0 - 101.0% of mass 174	64.27	(96.13)	1
177	5.0 - 9.0% of mass 176	4.62	(7.2)	2

¹⁻ Value is % mass 174

	LAB	LAB	DATE	TIME
SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED	ANALYZED
V5STD050	1400	2110118p/k9905	01/18/11	1319
LCS913706	913706	2110118p/k9905	01/18/11	1319
LCSD913707	913707	2110118p/k9906	01/18/11	1342
APP9050	1400	2110118p/k9907	01/18/11	1409
MB913705	913705	2110118p/k9909	01/18/11	1455
T-2-WEST	21101140506	2110118p/k9911	01/18/11	1541

²⁻ Value is % mass 176

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 14-JAN-2011 11:09 End Cal Date : 15-JAN-2011 13:06

Quant Method : ISTD Target Version : 3.50 Integrator : HP RTE

Method file : /var/chem/msvll.i/2110115.s.b/8260bwll.m

Cal Date : 17-Jan-2011 11:24 rjo

Calibration File Names:

Level 1: /var/chem/msv11.i/2110115.s.b/a8933.d Level 2: /var/chem/msv11.i/2110115.s.b/a8935.d Level 3: /var/chem/msv11.i/2110115.s.b/a8936.d Level 4: /var/chem/msv11.i/2110115.s.b/a8937.d Level 5: /var/chem/msv11.i/2110115.s.b/a8938.d Level 6: /var/chem/msv11.i/2110115.s.b/a8934.d Level 8: /var/chem/msv11.i/2110115.s.b/a8941.d

Compound	1	5 Level		20 Level 2	 -	50 Level 3	100 Level 4	200 Level 5	10 Level 6	 Curve 		oefficients m1	m2	1 1	%RSD or R^2
1 Dichlorodifluoromethane	(- 		6632 2135		01	754921	1505061	320108		 ===== LINR	0.004091	0.27251			0.9998
2 Chloromethane ++	1		7252 2266		01	753851	150507	328124	14821	 LINR	0.004381	i		1	0.9996
3 Vinyl Chloride +	1		6512 9409		61	0.394311	0.37207	0.36690		IAVRG	 	0.390641		1	11.9719
4 1-3 Butadiene	1		7133 2203		91	69780	152023	279568	15201	LINR	0.044101	0.26232		1	0.9969
										I			Y-HARDA	_1_	******

Report Date : 19-Jan-2011 15:25

Page 2

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 14-JAN-2011 11:09 End Cal Date : 15-JAN-2011 13:06

Quant Method : ISTD Target Version : 3.50 Integrator : HP RTE

: /var/chem/msv11.i/2110115.s.b/8260bw11.m : 17-Jan-2011 11:24 rjo Method file

Cal Date

Compound	5 Level 1	20 Level 2	50 Level 3	100 Level 4	200 Level 5	10 Level 6	 Curve	b	coefficients m1	m2	%RSD or R^2
		 		 	 		1 1				
5 Bromomethane	60631 1 22991	25166	700901	142408	2990261	12322	 LINR	0.00385			0.99988
6 Chloroethane	0.174531	0.18338	0.19858	0.20153	0.23264	0.17687	 AVRG	 	0.19846		11.23610
9 Trichlorofluoromethane	92891	37439 	106022	214118 	451394	18529	 LINR	0.00626	0.38506		0.99986
12 Ethyl Ether	0.21450	0.22668	0.23547	0.254891	0.25358	0.20294	Access to	- 1	0.23958		 12.08100
7 2-Chloropropene		+++++ 	+++++	+++++ 	+++++ [AVRG		0.000e+00		0.000e+00
13 1,1-Dichloroethene +	53691 1 17481	23008	64193	129632	277078	11291	1	0.01176	0.23607		0.99986
21 Carbon Disulfide	1 160631	679431	188229	382797	838473 I	33280		0.02059	i		0.99953
							[

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 14-JAN-2011 11:09 End Cal Date : 15-JAN-2011 13:06

Quant Method : ISTD Target Version : 3.50
Integrator : HP RTE Integrator Method file

: /var/chem/msvll.i/2110115.s.b/8260bwll.m : 17-Jan-2011 11:24 rjo

Cal Date

Compound	5 Level 1	20 Level 2	50 Level 3	100 Level 4	200 Level 5	10 Level 6	 Curve	b	coefficients ml	m2	%RSD or R^2
	1 1 Level 8		 	**********			1 1 1 1				i i i
19 1,1,2Trichlotrifluoroethane	5671 1890	22682	66171 	135080		11407	 LINR	0.009081	0.24153		0.99981
14 Methyl Iodide	0.26231	0.28128		0.32299	0.32847	0.26604	I I	1	0.30814		1 13.23544
156 Ethanol	1 +++++	*****	+++++	+++++	+++++	+++++	I I		0.000e+001		 0.000e+00
8 Acrolein	0.01153		1	0.01294		0.01360	I I	1	0.01283		1 5.98524
17 Allyl chloride	0.26253	0.27219	DESCRIPTION OF THE PARTY.	0.30097	N	0.24939	I I	!	0.29040		 11.78337
18 Methylene Chloride	0.35520 0.47118	0.33235	0.34073	0.33185		0.34634	I I		0.35966		1 13.85566
11 Acetone	0.11492	0.10603	0.102041	0.09501	0.09503	0.11537	I I I	1	0.10473		1 8.69285
· · · · · · · · · · · · · · · · · · ·							-				

Page 4 Report Date: 19-Jan-2011 15:25

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 14-JAN-2011 11:09 End Cal Date : 15-JAN-2011 13:06

Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/msv11.i/2110115.s.b/8260bw11.m
Cal Date : 17-Jan-2011 11:24 rjo

Compound	5 Level 1	20 Level 2	50 Level 3	100 Level 4	200 Level 5	10 Level 6		b	oefficients m1	m2	%RSD or R^2
oonip out u	1 Level 8			THE REAL PROPERTY.							
22 trans-1,2-Dichloroethene	79761 1 28771	347871	961371	198781	428700	16818		0.02150	0.36531	******	0.9997
20 Methyl Acetate	0.18210	0.18729	0.19358	0.18385	0.18873	0.19440	I I	1	0.19067		1 4.04096
32 Hexane	111931		144484	288600	605137	23216	 LINR	0.01466	0.51846		0.9995
25 MTBE	1 185001 1 50701		211589	4270231	936547	38043		0.01651	I		0.9996
15 tert-Butyl Alcohol	3381 +++++ 1	22791	57431	13324	+++++		LINR	0.076091	0.02613		0.99788
10 Acetonitrile	0.030021	0.03451	0.03595	0.037111	0.03105) CARREL			0.033221		1 11.91000
28 Isopropyl Ether	0.792581	ı	0.766271	0.84913		0.80895		i I	0.84540		1 11.5061

Report Date: 19-Jan-2011 15:25 Page 5

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 14-JAN-2011 11:09 End Cal Date : 15-JAN-2011 13:06

Quant Method : ISTD Target Version : 3.50 Integrator : HP RTE

: /var/chem/msv11.i/2110115.s.b/8260bw11.m : 17-Jan-2011 11:24 rjo Method file

Cal Date

	1 5 1	20 1	50	100 [200	10	1 1		Coefficients		%RSD
Compound	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Curve	b	m1	m2	or R^2
	1 Level 8	1	į		i		1 1				
							[====]=				
27 Chloroprene	0.31740 0.39156	0.356961	0.375581	0.400681	0.40826	0.31689	IAVRG		0.366761		1 10.31359
26 1,1-Dichloroethane ++	1 115021	47672 	128702	262335	5631101	23764	1	0.01045	0.47895		0.99987
16 Acrylonitrile	0.073671	0.080971	0.078521	0.075931	0.07785	0.08031	1		0.076531		1 5.68394
29 Vinyl Acetate	0.29855	0.31040	0.36573	0.35754	0.33874	0.31717	Transfer to		0.32818		7.92723
152 Ethyl Tert-butyl Ether	 +++++ +++++	+++++ I	***** I	+++++ I	+++++ [*****	I I		0.000e+001		0.000e+00
23 cis-1,2-Dichloroethene	8572 I 2828 I	35047	96174	197947 	424658	17256		0.01506			 0.99986
38 2,2-Dichloropropane	0.363581 0.512821	0.36191	0.41672	0.40781	20 20230000	0.35544			0.40088		 13.65316
	!!						-				

Report Date: 19-Jan-2011 15:25

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 14-JAN-2011 11:09 End Cal Date : 15-JAN-2011 13:06

Quant Method : ISTD Target Version : 3.50 Integrator : HP RT

Integrator : HP RTE
Method file : /var/chem/msv11.i/2110115.s.b/8260bw11.m

Cal Date : 17-Jan-2011 11:24 rjo

	1 5	20	50	100	200	10	1 1	C	coefficients	1	%RSD
Compound	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Curve	ь	ml	m2	or R^2
	l 1 Level 8				1		1 1			1	1
45 Cyclohexane	0.38330	0.40069	0.468991	0.46458	The second second	0.39743	I I	1	0.44770	i	12.96351
36 Bromochloromethane	0.13202 0.18694	0.13686	0.14473	0.14149	0.14168	0.13767	I I	1	0.14591		12.71579
37 Chloroform +	1 11589 1 3434	47806	129435	261511		23935	 LINR	0.00938	0.47855		0.999831
46 Carbon Tetrachloride	0.29555 0.42390	0.30694	0.335411	0.33513	Laboratoria de la composición dela composición de la composición de la composición de la composición dela composición de la composición dela composición dela composición de la composición de la composición de la composición dela composi	0.31059			0.33424	1	12.72028
53 Ethyl Acetate	29132 8127	141558	3898521 I	863012	14688091	54243	I I I	0.37272	2.32735	0.22946	0.99759
35 Tetrahydrofuran	11051	55377 I		323623	+++++ 1	21017	 LINR	0.20313		1	0.99853
31 sec-butanol	1 +++++	1 +++++	+++++	+++++	+++++	+++++	I I		0.000e+00		0.000e+001
* The last last last last last last last last							1				

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 14-JAN-2011 11:09 End Cal Date : 15-JAN-2011 13:06

Quant Method : ISTD Target Version : 3.50 Integrator Method file : HP RTE

: /var/chem/msv11.i/2110115.s.b/8260bw11.m : 17-Jan-2011 11:24 rjo

Cal Date

	5 1	20 1	50	100	200	10	1	C	Coefficients		1 %RSD 1
Compound	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Curvel	b	ml	m2	or R^2
	l l l l l Level 8		1		1		1				
43 1,1,1-Trichloroethane	0.376341	0.38388	0.42014	0.41248	0.41418	0.37687	AVRG	1	0.41361		1 11.35041
33 2-Butanone	3350 I 1300 I	15101		75062	THE STREET STREET	7370	LINR	-0.02223	i		0.999791
44 1,1-Dichloropropene	85661 27551	35278	1016991	208603	1	17000	LINR	0.01267	ı		0.99984
157 1,3-difluorobenzene	+++++ +++++	+++++	*****	*****	+++++	++++	AVRG		0.000e+00		1 0.000e+00
54 2,2,4 Trimethylpentane	0.732021	0.76305	0.71070	0.79440	0.797091	0.75954	AVRG		0.78729		1 10.14641
47 Benzene	273481	113415	3076791	628022	1	55442	LINR	0.01039	1		0.99990
24 Propionitrile	0.03168	0.04026	0.043001	0.04676	0.03775	0.03132	AVRG		0.03865		1 14.63160
											-

Report Date: 19-Jan-2011 15:25

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GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 14-JAN-2011 11:09 End Cal Date : 15-JAN-2011 13:06

Quant Method : ISTD Target Version : 3.50 Integrator Method file : HP RTE

: /var/chem/msv11.i/2110115.s.b/8260bw11.m : 17-Jan-2011 11:24 rjo

Cal Date

	5	1 20	50	100	200	10	1 1	C	coefficients		%RSD
Compound	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Curve	b	m1	m2	or R^2
	l 1 Level 8	1	1				1 1		Y		
30 Methylacrylonitrile	0.15169	0.17150	0.162441		0.16077	0.14452	I I	1	0.16707		1 10.411251
42 1,2-Dichloroethane	0.35705	0.36025	0.37797	0.36110	2000/04/2004/2004	0.36211	I I I	1	0.38071		1 11.126631
34 Isobutyl Alcohol	1 746	5218 	151561	35222		1563	 LINR	0.495871	0.01398)		0.998201
158 1,4-difluorobenzene	1 +++++	1 +++++	1 +++++ 1	+++++	++++	+++++	I I		0.000e+001		0.000e+00
80 Total 1,2-Dichloroethene	l 16548	69834	Committee and a second		The state of the s	34074		0.036591	ĺ		0.999831
154 Tert-butyl formate	1 +++++	+++++ 	+++++	+++++	+++++	+++++	AVRG		0.000e+001		1 0.000e+001
153 tert-amyl Methyl Ether	+++++ +++++	+++++ 	 +++++ 	+++++	 +++++ 	++++	I I I		0.000e+001		1 0.000e+001
											-

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 14-JAN-2011 11:09 End Cal Date : 15-JAN-2011 13:06

Quant Method : ISTD Quant Method : 151D
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/msv11.i/2110115.s.b/8260bw11.m
Cal Date : 17-Jan-2011 11:24 rjo

Compound	5 Level 1	20 Level 2	50 Level 3	100 Level 4	200 Level 5	10 Level 6		b	coefficients ml	m2	%RSD or R^2
Сомроина	Level 1	Level 2	rever 2	rever 4	revel 2	revet e	1 I	D	mı	m2	OF K 2
	1 Level 8		f I	1	. !		1 1				
155 Tert-amyl alcohol	1 +++++ 1	+++++	+++++ 1	+++++	*****	+++++	I I IAVRG I		0.000e+001		1 0.000e+001<
61 Methyl Cyclohexane	95611 1 34711	406931	124375	254927	534187		I I	0.02035			0.999691
57 Trichloroethene	6734 1 2224	290201	78877 	162017	347708 		 LINR	0.01519	i i i i i i i i i i i i i i i i i i i		0.99987
162 Heptane	+++++	+++++	+++++	+++++	+++++				0.000e+001		
159 1,2-difluorobenzene	+++++ +++++	+++++	+++++	+++++	+++++		I I IAVRG I		0.000e+001		0.000e+00
161 Total Difluorobenzene	+++++	+++++	+++++	+++++	+++++		I I I		0.000e+001		0.000e+00
40 n-Butanol	348 +++++	3105	10214	24887	+++++	873		0.13029	Ī		
					*****		-				

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GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 14-JAN-2011 11:09 End Cal Date : 15-JAN-2011 13:06

Quant Method : ISTD Target Version : 3.50
Integrator : HP RTE Integrator Method file

: /var/chem/msvl1.i/2110115.s.b/8260bwl1.m : 17-Jan-2011 11:24 rjo

Compound	5 Level 1	20 Level 2	50 Level 3	100 Level 4	200 Level 5	10 Level 6	Curve	b	Coefficients ml	m2 I	%RSD or R^2
	1 1 Level 8				1 1	1	1			1	i
55 Dibromomethane	0.154661	0.16232	0.16922	0.16432	0.16708	0.16269 	AVRG	!	0.16997		10.60351
48 2-3 Dichloro-1-Proprene	94961	36960	90184	208968	1	19289	LINR	0.02104	i		0.999291
56 1,2-Dichloropropane +	6860 1939	28447	76550	156912	332715		LINR	0.00893	0.28355		0.999951
58 Bromodichloromethane	0.328721	0.352431	0.37088	0.37002	0.37805	0.34670	AVRG		0.37103		10.487451
52 Methyl methacrylate	4628 1415	233201	655091	150163	2728691	9050		0.00997	0.26085		0.995331
51 1,4- Dioxane	7211	52161	15165	32502	1 +++++ 1		LINR	1.45160	0.00255		0.998891
160 Methyldisulfide	+++++ +++++	+++++	+++++	+++++	+++++ 		AVRG		0.000e+00		0.000e+00
					1						

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 14-JAN-2011 11:09 End Cal Date : 15-JAN-2011 13:06

Quant Method : ISTD Target Version : 3.50 Integrator : HP RTE
Method file : /var/ch

: /var/chem/msv11.i/2110115.s.b/8260bw11.m : 17-Jan-2011 11:24 rjo

	5 1	20 1	50	100	200	10	1 1	C	oefficients		RSD
Compound	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Curvel	b	m1	m2	or R^2
	1 Level 8	!		ļ	I I		1 1				
60 1-Bromo-2-chloroethane	9541	44221	12118	23929	51892	2226	 LINR	0.01353	1		 0.99971
62 2-Chloroethyl vinyl ether	330	2368	7638	15622	38805	1090		0.13305	0.03344		0.99520
63 cis-1,3-Dichloropropene	0.39098	0.41084	0.46031	0.45456		0.40299	I I		0.44948		13.09657
70 Toluene +	295351	119684	331362	680745 	1444836	60101		-0.018101	ATTENDADORUM TOP		l 0.99964
49 2-Nitropropane	0.063621	0.07276	0.073901	0.09117 		0.06184	I I		0.07415		 13.28306
78 Tetrachloroethene	0.523241	0.52189	0.58549	0.55629	0.53909	0.54724	I I	1	0.57317		1 13.30029
65 4-methyl-2-pentanone	59221 1 14451	27698	755821	152031	3245571	13332		0.01141	0.27666		0.99988

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 14-JAN-2011 11:09 End Cal Date : 15-JAN-2011 13:06

Quant Method : ISTD Target Version : 3.50 Integrator : HP RTE

: /var/chem/msv11.i/2110115.s.b/8260bw11.m : 17-Jan-2011 11:24 rjo Method file

Compound	5 Level 1	20 Level 2	50 Level 3	100 Level 4	200 Level 5	10 Level 6		b	pefficients ml	m2	%RSD or R^2
	1 1 Level 8	1	1	1			1 1				1
66 trans-1,3-Dichloropropene	0.36235	0.387431	0.42347	0.42249	0.43255	0.37306	I I	1	0.41818		1 13.0825
67 1,1,2-Trichloroethane	0.62611	0.63091	0.65371	0.60513	0.59722	0.64654	I I I AVRG I	1	0.659491		1 13.5488
64 Ethyl Methacrylate	4177 1017	208541	628461	145078)	276447	7995	l	0.033951	0.69987		1 0.9965
72 Dibromochloromethane	0.635591	0.68591	0.71506	0.68645	A San Property and	0.68588	I I	i	0.71428		1 12.2447
71 1,3-Dichloropropane	1.074791	1.087441	1.13386	1.06172	West Control of Control	1.10017	1=0-0,00-1	1	1.146141		1 14.6194
59 1-Nitropropane	7841	4079	10754	27917	48567	1494	LINR	0.027961	0.047111		0.9910
74 1,2-Dibromoethane(EDB)	0.596171	0.63301	0.65649	0.61513		0.63175	I I	1	0.65753		1 13.7738
	_						11			****	_

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 14-JAN-2011 11:09 End Cal Date : 15-JAN-2011 13:06

: ISTD Quant Method Target Version : 3.50
Integrator : HP R : HP RTE

: /var/chem/msv11.i/2110115.s.b/8260bw11.m : 17-Jan-2011 11:24 rjo Method file

Compound	5 Level 1	20 Level 2	50 Level 3	100 Level 4	200 Level 5	10 Level 6		b	Coefficients ml	m2	%RSD or R^2
	 1 Level 8	i	1				1 1				
73 2-Hexanone	1 36251 1 8731	18571	529441 I	105093	226773	9075	 LINR	-0.00738	0.465371		0.999371
87 1-3 Dichloropropene total	0.376671	1	0.44189	0.43852	ı	0.38802	I I		0.433831		1 13.08376
151 3,3 Dimethyl-1-butanol	+++++	+++++	+++++	+++++	+++++	*****	I I				0.000e+00
86 1-Chlorohexane	76091 27581	32328 1	96166	1901861	430461	15939	 LINR	0.03823	0.365791		0.99875
85 Chlorobenzene ++	1 17751 1 6025	1	2061451	4202801		36618	 LINR	-0.01346	1.84993		0.999721
88 Ethylbenzene +	0.968761	0.98536	1.09078	1.03839	1.02889		I I		1 1.062841		1 12.730301
82 1,1,1,2-Tetrachloroethane	59851 1 18221	24828	1	1421871	3053941	12246		-0.00970	0.62571		0.99974

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GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 14-JAN-2011 11:09 End Cal Date : 15-JAN-2011 13:06

Quant Method : ISTD Target Version : 3.50
Integrator : HP RTE Integrator Method file

: /var/chem/msv11.i/2110115.s.b/8260bw11.m : 17-Jan-2011 11:24 rjo

	1 5 1	20	50 1	100	200	10	1 1	C	oefficients		%RSD
Compound	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Curve	b	m1	m2	or R^2
	1 Level 8		1	1	1		l i				
69 3-ethyltoluene	+++++ +++++	+++++	+++++	+++++ [+++++ 1	+++++	I I		0.000e+00		0.000e+00
89 p,m-Xylene	[21806] 6849]	95276	277953	578442	1253286	46394	 LINR	0.01317	1.28708		0.99979
75 2-ethyltoluene	+++++ +++++	+++++ 	+++++	+++++ 	+++++ 1	+++++	I I	 	0.000e+001		 0.000e+00
93 o-Xylene	9725 2914	44453	1298281	271667	594355	20889	 LINR	0.01522	1.22119		0.99982
90 Bromoform ++	0.399991 0.482751	0.45621	0.492121	0.47137	0.48996	0.45500	Transmitted in		0.463921		6.87842
91 Styrene	1 1.595691	1.84701	2.13433	2.09260		1.74610	AVRG		1.96775		1 12.00854
96 Isopropylbenzene	244261 1 77601	110769	3332071	7029941	and a second second	51923		0.02370	3.18263		I I 0.99978
							-				

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 14-JAN-2011 11:09 End Cal Date : 15-JAN-2011 13:06

Quant Method : ISTD Target Version : 3.50
Integrator : HP RTE Integrator Method file

: /var/chem/msv11.i/2110115.s.b/8260bw11.m : 17-Jan-2011 11:24 rjo

	1 5 1	20	50 1	100	200	10	1 1	C	coefficients		%RSI	D
Compound	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Curve	b	m1	m2	or R'	^2
	1 Level 8	I	1	I	1		I I					
98 Bromobenzene	10789 3496	459761	129658 	2744491 !	619321 	22113	 LINR	-0.00051	1.25746		1 0.99	999:
100 n-Propylbenzene	292531	126463	387176 	822094	1824439	60888	 LINR	0.005451	3.724471		1 0.99	9976
1 120 TOTAL XYLENE	315311 1 97631	139729	407781 	8501091	18476411	67283	 LINR	-0.04415	i		1 0.99	9947
92 1,1,2,2-Tetrachloroethane++	7115	30607	84158	173184	374076	15403	 LINR	-0.033921	0.76044		0.99	993
101 2-Chlorotoluene	180261	77122	226790	4804441	1070747 	37086	, ,	0.000631	2.18072		1 0.99	998
94 1,2,3-Trichloropropane	0.703991	1	0.72851	0.67516	0.66804	0.73853	AVRG		0.740271		1 12.81	1703
104 1,3,5-Trimethylbenzene	202711	909761 1	2740011	5760301	1296134			0.008891	Anna mana and Ann		1 0.99	998
	_						 					

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 14-JAN-2011 11:09 End Cal Date : 15-JAN-2011 13:06

Quant Method : ISTD
Target Version : 3.50
Integrator : HP RT
Method file : /var/ : HP RTE

: /var/chem/msv11.i/2110115.s.b/8260bw11.m : 17-Jan-2011 11:24 rjo

1	5	20 1	50	100	200 1	10	1. 1.	C	oefficients		%RSD
Compound	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Curve	b	ml	m2	or R^2
Í	1 Level 8	1	1	İ	1						1 1
76 Cyclohexanone	20261 3981	10959	347391 I	85067	*****	3366	I I	0.18691	0.224881		0.991641
95 trans-1,4-Dichloro-2-Butene	1824 426	8503 I	24357	496681	112211	4090	 LINR	-0.004541	and the second second second		0.999701
102 4-Chlorotoluene	18631 6334	81136	2432161	5120221	1138602	38752		0.001251	2.32119		0.999781
105 tert-butylbenzene	10789 3598	47197 	144525	3097261 I	697127	22519	LINR	0.01489	i		0.999841
84 Pentachloroethane	0.42332	0.436431	0.436481	0.44831	0.467071	0.41428	I I	i	0.449081		7.723341
106 1,2,4-Trimethylbenzene	204941 65421	93813	279347 	5984051	1344074	43496		0.01254	2.74167		1 0.999881
103 2-methylnapthalene	+++++	+++++	+++++	+++++ 1	+++++	+++++	I I I	 	0.000e+001		1 0.000e+001

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GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 14-JAN-2011 11:09 End Cal Date : 15-JAN-2011 13:06

Quant Method : ISTD Target Version : 3.50
Integrator : HP RTE
Method file : /var/ch

: /var/chem/msv11.i/2110115.s.b/8260bw11.m : 17-Jan-2011 11:24 rjo

1 5 1	20 1	50 1	100	200	10	1 1	C	oefficients		%RSD
Level 1	Level 2	Level 3	Level 4	Level 5	MODELLAND TO THE	Curve	b	m1	m2	or R^2
1 Level 8	1	1	1	1						ì
240401 80281	107457	3349271	7102941	1588171	50544	 LINR	0.01266	3.24423		0.9997
2.646961 3.536781	2.82058	2.79119	3.17904	3.30961	2.80036	I I	1	3.01207		I I 10.9719
1 189771 1 63341	873681	2731051	582745	1313306	40564	i i	0.01930	2.68294		1 0.9997
1 125141	532261	1546791	3305221	7517851	25685	LINR	0.00973	1.52795		1 0.9998
1 133001 1 49281	55483	1626091	3422761	7769231	27151	LINR I	0.00382	1.57776		1 0.9998
1 165161 1 59951	76611	2474221	531501 	1182211	34913		0.020451	2.42246		0.9996
1 120691 1 38931	51713	1479831	3137061 I	711889	24808	1	0.004901	1.44596		1 0.9999
	Level 1	Level 1 Level 2	Level 1 Level 2 Level 3	Level 1 Level 2 Level 3 Level 4	Level 1 Level 2 Level 3 Level 4 Level 5	Level 1	Level 1 Level 2 Level 3 Level 4 Level 5 Level 6 Curve	Level 1 Level 2 Level 3 Level 4 Level 5 Level 6 Curve b	Level 1 Level 2 Level 3 Level 4 Level 5 Level 6 Curve b m1	Level 1 Level 2 Level 3 Level 4 Level 5 Level 6 Curve b m1 m2

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 14-JAN-2011 11:09 End Cal Date : 15-JAN-2011 13:06

Quant Method : ISTD Target Version : 3.50
Integrator : HP RT : HP RTE

: /var/chem/msv11.i/2110115.s.b/8260bw11.m : 17-Jan-2011 11:24 rjo Method file

	5 1	20	50	100	200	10	1		Coefficients	1	%RSD
Compound	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Curve	ь	ml	m2	or R^2
	1 Level 8	1	1				1 1			!	
81 1-3 Diethylbenzene	1 +++++ [+++++	*****	+++++	+++++	+++++	I I		0.000e+001	i	0.000e+001
79 1-4 Diethylbenzene	+++++	+++++	+++++	+++++	+++++		AVRG		0.000e+00	1	0.000e+001
77 1-2 Diethylbenzene	+++++	+++++	+++++	+++++	+++++		I I		0.000e+00		0.000e+001
115 1,2-Dibromo-3-Chloropropane	1 11591	58601	16676	343061	ı		 LINR	-0.009931	0.15564	 	0.99971
99 Benzal Chloride	717	45691	16268	46630	ı		I I I	0.20510	Lancas de la companya	-2.709031	0.997781
118 Hexachlorobutadiene	22641	ı	26156	55607	1	4502	I I	-0.00661	0.24984		0.999721
116 1,2,4-Trichlorobenzene	5809 1806	25410	76850	162523	360293 360293	11999		0.00376	,	 ! !	0.99976
** #* #* ** ** ** ** ** ** ** ** ** ** *								200 200 200 300 500 500 400 400 400 500 100	 		

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 14-JAN-2011 11:09 End Cal Date : 15-JAN-2011 13:06 Quant Method : ISTD

Quant Method : ISTD Target Version : 3.50 Integrator Method file : HP RTE

: /var/chem/msv11.i/2110115.s.b/8260bw11.m : 17-Jan-2011 11:24 rjo

	5	20 1	50 [100	200	10	1. 1	С	oefficients		1 %RSD
Compound	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Curvel	b	m1	m2	or R^2
	l Level 8			1	1						I I
117 Naphthalene	1 11430 1 2219	59507	181183	391784	The state of the s	25361	LINR	0.020481	1.77932		0.99977
119 1,2,3-Trichlorobenzene	4641 1508	21199	598441	124973	200000000000000000000000000000000000000	9999	LINR	-0.01415	0.55808		I I 0.99967
121 Total Diethylbenzene	1 +++++	+++++	*****	+++++ 1	*****	+++++	AVRG	1	0.000e+00		1 1 0.000e+00
39 Dibromofluoromethane	0.24299	1	i	1	0.24595	0.23817	I I		0.24101		1 1.19430
41 1,2-Dichloroethane-d4	0.14839 0.15059	0.14889	0.147731	0.14792	0.14921	0.14828	I I I	1	0.14872		0.65456
68 Toluene-d8	2.50576	2.48892	2.49139	in an amount	2.342541	2.54110	I I		2.47603		1 3.01994
97 Bromofluorobenzene	0.71398	0.71888	0.737431	0.72751	0.72272	0.72648	I I	1	0.71853		1 2.4260
											1

Page 20

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 14-JAN-2011 11:09 End Cal Date : 15-JAN-2011 13:06

Quant Method : ISTD Target Version : 3.50 Intégrator : HP RTE

: /var/chem/msv11.i/2110115.s.b/8260bw11.m : 17-Jan-2011 11:24 rjo Method file

Cal Date

|Average %RSD Results. |Calculated Average %RSD = 10.48843 |Maximum Average %RSD = 15.00000 |* Passed Average %RSD Test.

Curve	2 1	For	mul	la		1	Units	1
		-		H 102 HE 102				=1
Avera	aged	Amt	in	Rsp	/ml	1	Response	1
Lines	ar I	Amt	-	b +	Rsp/m1	1	Response	1
Quad	1	Amt	=	b +	ml*Rsp + m2*Rsp^2	1	Response	1

Data File: /var/chem/msv11.i/2110114.s.b/a8922.d

Report Date: 17-Jan-2011 07:03

GCAL, Inc.

RECOVERY REPORT

Client SDG: 2110114.s

Client Smp ID: V11ICV

Fraction: VOA

Operator: RJU SampleType: LCS

Quant Type: ISTD

Client Name:

Sample Matrix: LIQUID

Lab Smp Id: 1600

Level: LOW

Data Type: MS DATA

SpikeList File: App9.spk

Sublist File: APP9\$.sub

Method File: /var/chem/msv11.i/2110114.s.b/8260bw11.m

Misc Info: MSV~20844~*1*RJU

SPIKE	COMPOUND	1	CONC ADDED ug/L	1	CONC RECOVERED ug/L	1	% RECOVERED	 LIMITS
4	1-3 Butadiene		50.0	1	38.9	1	77.86	160-140
12	Ethyl Ether	1	250	1	221	1	88.22	160-140
17	Allyl chloride	1	50.0	1	45.0	I	90.03	160-140
10	Acetonitrile	1	250	1	210	1	83.99	160-140
15	tert-Butyl Alcohol	1	50.0	1	32.4	1	64.73	160-140
28	Isopropyl Ether	1	50.0	1	44.4	1	88.78	160-140
31	sec-butanol	1	50.0	1	0.00	1	NT *	160-140
27	Chloroprene	1	50.0	1	45.5	1	91.01	160-140
53	Ethyl Acetate	1	250	1	162	1	64.93	160-140
24	Propionitrile	Î	250	1	212	T	84.71	160-140
35	Tetrahydrofuran	1	250	1	164	1	65.44	160-140
30	Methylacrylonitrile	1	50.0	1	42.3	1	84.59	160-140
34	Isobutyl Alcohol	1	250	1	155	1	61.86	160-140
54	2,2,4 Trimethylpentane	1	50.0	1	41.0	1	82.07	160-140
40	n-Butanol	1	50.0	1	31.2	1	62.40	160-140
48	2-3 Dichloro-1-Proprene	1	50.0	1	47.3	1	94.52	160-140
52	Methyl methacrylate	Î	50.0	1	40.1	1	80.14	160-140
51	1,4- Dioxane	Ĩ	1250	1	843	1	67.48	160-140
49	2-Nitropropane	1	50.0	1	40.6	1	81.12	160-140
64	Ethyl Methacrylate	1	50.0	1	41.9	1	83.80	160-140
59	1-Nitropropane	1	50.0	1	39.7	1	79.46	160-140
76	Cyclohexanone	1	100	1	61.1	1	61.07	160-140
84	Pentachloroethane	1	50.0	1	46.8	1	93.54	160-140
112	Dicyclopentadiene	Î.	50.0	Î.	45.6	1	91.20	160-140
99	Benzal Chloride	1	100	1	77.9	1	77.91	160-140
	The contract of the contract o			1.		Ĵ.		1

SURROGATE COMPOUND	1	CONC ADDED ug/L	1	CONC RECOVERED ug/L	1	% RECOVERED	 LIMITS
\$ 39 Dibromofluoromethane		50.0	-1-	49.9	-I- I	99.72	-

Data File: /var/chem/msv11.i/2110115.s.b/a8944.d

Report Date: 16-Jan-2011 09:52

GCAL, Inc.

RECOVERY REPORT

Client Name: Client SDG: 2110115.s

Sample Matrix: LIQUID Fraction: VOA

Lab Smp Id: 1600 Client Smp ID: V11ICV

Level: LOW Operator: RJU
Data Type: MS DATA SampleType: LCS
SpikeList File: ICV.spk Quant Type: ISTD

Sublist File: 8260b.sub

Method File: /var/chem/msv11.i/2110115.s.b/8260bw11.m

Misc Info: MSV~20858~*1*RJU

SPIKE	COMPOUND	1 1 1	CONC ADDED ug/L	1 1 1	CONC RECOVERED ug/L	% RECOVERED	 LIMITS
1	Dichlorodifluoromethane		50.0	1	58.7	117.38	160-140
2	Chloromethane ++	Ē.	50.0	1	53.6	107.22	170-130
3	Vinyl Chloride +	1	50.0	1	46.8	93.53	170-130
5	Bromomethane	1	50.0	1	51.4	102.78	160-140
6	Chloroethane	1	50.0	1	48.9	97.84	170-130
9	Trichlorofluoromethane	1	50.0	1	51.4	102.90	170-130
19	1,1,2Trichlotrifluoroethane	1	50.0	1	48.6	97.11	170-130
8	Acrolein	1	250	1	215	85.97	160-140
13	1,1-Dichloroethene +	1	50.0	1	48.4	96.80	170-130
11	Acetone	1	50.0	1	69.4	138.85	160-140
14	Methyl Iodide	1	50.0	1	54.9	109.73	170-130
21	Carbon Disulfide	1	50.0	1	52.4	104.88	170-130
18	Methylene Chloride	1	50.0	1	48.2	96.32	170-130
25	MTBE	1	50.0	1	51.4	102.89	170-130
22	trans-1,2-Dichloroethene	1	50.0	1	49.5	99.09	170-130
16	Acrylonitrile	1	250	1	264	105.70	160-140
26	1,1-Dichloroethane ++	1	50.0	1	50.0	100.02	170-130
29	Vinyl Acetate	1	50.0	1	52.8	105.70	170-130
38	2,2-Dichloropropane	1	50.0	1	49.4	98.83	170-130
23	cis-1,2-Dichloroethene	1	50.0	1	50.3	100.52	170-130
33	2-Butanone	1	50.0	1	60.4	120.80	160-140
36	Bromochloromethane	1	50.0	1	49.8	99.63	170-130
37	Chloroform +	1	50.0	1	49.8	99.60	170-130
45	Cyclohexane	1	50.0	1	48.5	96.93	170-130
43	1,1,1-Trichloroethane	1	50.0	1	48.1	96.14	170-130
46	Carbon Tetrachloride	1	50.0	1	48.8	97.68	170-130
44	1,1-Dichloropropene	1	50.0	1	48.8	97.61	170-130
	Benzene	1	50.0	1	49.5	98.99	170-130
42	1,2-Dichloroethane	1	50.0	1	50.5	100.96	170-130
57	Trichloroethene	1	50.0	1	48.8	97.63	170-130
61	Methyl Cyclohexane	1	50.0	1	50.6	101.21	170-130
56	1,2-Dichloropropane +	1	50.0	1	50.4	100.78	170-130
55	Dibromomethane	1	50.0	1	50.8	101.55	170-130
1000		1_		_1_			

Data File: /var/chem/msv11.i/2110115.s.b/a8944.d Report Date: 16-Jan-2011 09:52

P	a	a	е	2
_	-	-	-	_

SPIKE	COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	 LIMIT
58	Bromodichloromethane	50.0	49.7	99.38	170-13
62	2-Chloroethyl vinyl ether	50.0			160-14
	cis-1,3-Dichloropropene	50.0 1			170-13
	4-methyl-2-pentanone	50.0 1	48.9 1	97.80	160-14
	Toluene +	50.0	50.2	100.32	170-13
66	trans-1,3-Dichloropropene	50.0 1	51.9	103.74	170-13
67	1,1,2-Trichloroethane	50.0 [47.9	95.76	170-13
78	Tetrachloroethene	50.0 1	48.3		170-13
71	1,3-Dichloropropane	50.0	48.8	97.70	170-13
73	2-Hexanone	50.0	56.2	112.45	160-14
72	Dibromochloromethane	50.0	48.2	96.38	170-13
74	1,2-Dibromoethane(EDB)	50.0	48.2		170-13
85	Chlorobenzene ++	50.0	50.8	101.52	170-13
88	Ethylbenzene +	50.0	48.2	96.33	170-13
82	1,1,1,2-Tetrachloroethane	50.0	50.8	101.60	170-13
	p,m-Xylene	100	98.5	98.54	170-13
93	o-Xylene	50.0	50.0	99.98	170-13
	Styrene	50.0	51.8		
	Bromoform ++	50.0	51.3	102.66	170-13
96	Isopropylbenzene	50.0 1	48.4		
	Bromobenzene	50.0	50.6	101.28	170-13
92	1,1,2,2-Tetrachloroethane++	50.0 [51.4	102.74	170-13
	n-Propylbenzene	50.0 1	50.3		170-13
	1,2,3-Trichloropropane	50.0	47.3		
	trans-1, 4-Dichloro-2-Butene	50.0	53.2	106.40	160-14
	2-Chlorotoluene	50.0 1	50.3	100.60	170-13
104	1,3,5-Trimethylbenzene	50.0	50.3	100.66	170-13
	4-Chlorotoluene	50.0 [50.0	100.09	170-13
105	tert-butylbenzene	50.0	49.5	98.96	170-13
	1, 2, 4-Trimethylbenzene	50.0	51.0	102.01	170-13
	sec-Butylbenzene	50.0	50.3	100.60	170-13
	1,3-Dichlorobenzene	50.0	50.1	100.12	170-13
	p-Isopropyltoluene	50.0	52.4	104.81	170-13
	1,4-Dichlorobenzene	50.0	50.5	100.96	170-13
114	n-Butylbenzene	50.0 [51.0	101.92	170-13
113	1,2-Dichlorobenzene	50.0	49.8	99.53	170-13
	1,2-Dibromo-3-Chloropropane	50.0	50.2	100.45	160-14
	1,2,4-Trichlorobenzene	50.0	55.7	111.45	
	Hexachlorobutadiene	50.0	54.9	109.81	170-13
117	Naphthalene	50.0	50.8	101.64	170-13
119	1,2,3-Trichlorobenzene	50.0	55.0	110.09	170-13

SURROGATE COMPOUND	1	CONC ADDED ug/L	1	CONC RECOVERED ug/L	1	% RECOVERED	 LIMITS
\$ 39 Dibromofluoromethane		50.0	- -	50.4	-!-	100.89	77-127

Data File: /var/chem/msv11.i/2110116.s.b/a8959.d

Report Date: 16-Jan-2011 09:58

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: msv11.i

Injection Date: 16-JAN-2011 08:59
Init. Cal. Date(s): 14-JAN-2011 15-JAN-2011
Init. Cal. Times: 11:09 13:06 Lab File ID: a8959.d Analysis Type: WATER

Quant Type: ISTD Lab Sample ID: 1400 Method: /var/chem/msv11.i/2110116.s.b/8260bw11.m

I	1		1	CCAL MIN	1 1	MAX I	t:
COMPOUND	IRRF	/ AMOUNT	RF50	RRF50 RRF	%D / %DRIFT %D	/ %DRIFT	CURVE TYPE!
		N N N N N N N N N N N N N N N N N N N			======== ==		
4 1-3 Butadiene	1	55.51012	50.000001	0.30280 0.010	11.020241	40.000001	Linear
12 Ethyl Ether	1	0.23958	0.232331	0.23233 0.010	-3.025951	40.000001	Averaged
17 Allyl chloride	1	0.290401	0.29125	0.29125 0.010	0.29431	40.000001	Averaged
15 tert-Butyl Alcohol	1	45.83782	50.000001	0.02196 0.010	-8.324361	40.000001	Linear
10 Acetonitrile	1	0.033221	0.033201	0.03320 0.010	-0.066651	40.000001	Averaged
28 Isopropyl Ether	1	0.845401	0.833231	0.8332310.010	-1.439201	40.000001	Averaged
27 Chloroprene	1	0.36676	0.380481	0.38048 0.010	3.740081	40,000001	Averaged
31 sec-butanol	1	++++	0.21068	0.21068 0.010	1 ++++1	40.000001	Averaged <
53 Ethyl Acetate	1	2061	2501	0.28241 0.010	1 -17.667931	40.000001	Quadratic
35 Tetrahydrofuran	1	2251	250	0.10729 0.010	-9.924141	40.000001	Linear
54 2,2,4 Trimethylpentane	1	0.787291	0.786221	0.7862210.010	-0.135761	40.000001	Averaged
24 Propionitrile	1	0.038651	0.039681	0.03968 0.010	2.651521	40.000001	Averaged
30 Methylacrylonitrile	1	0.16707	0.16597	0.16597 0.010	-0.654401	40.000001	Averaged
34 Isobutyl Alcohol	1	2221	2501	0.01115 0.010	-11.31290	40.000001	Linear
40 n-Butanol	1	44.293661	50.000001	0.0377710.010	1 -11.412681	40.000001	Linear
48 2-3 Dichloro-1-Proprene	1	50.166471	50.000001	0.38974 0.010	0.332941	30.000001	Linear
52 Methyl methacrylate	1	48.45581	50.000001	0.25019 0.010	-3.088381	40.000001	Linear
51 1,4- Dioxane	1	11461	1250	0.00219 0.010	-8.30536	40.000001	Linear <-
49 2-Nitropropane	1	0.07415	0.077191	0.07719 0.010	4.097571	40.000001	Averaged
64 Ethyl Methacrylate	1	47.251741	50.000001	0.63764 0.010	-5.496511	40.000001	Linear
59 1-Nitropropane	1	49.398891	50.000001	0.04523 0.010	-1.202221	40.000001	Linear
76 Cyclohexanone	1	79.454191	100	0.15766 0.010	-20.545811	40.000001	Linear
84 Pentachloroethane	1	0.449081	0.43308	0.43308 0.010	-3.56159	40.000001	Averaged
112 Dicyclopentadiene	1	3.01207	3.043471	3.04347 0.010	1.042331	40.000001	Averaged)
99 Benzal Chloride	1	1011	1001	0.10491 0.010	1.134091	40,000001	Quadratic
	1	- 1	- I	1	1	1	1

Data File: /var/chem/msv11.i/2110116.s.b/a8960.d

Report Date: 16-Jan-2011 09:58

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: msv11.i Injection Date: 16-JAN-2011 09:23

Lab File ID: a8960.d Init. Cal. Date(s): 14-JAN-2011 15-JAN-2011

Analysis Type: WATER Init. Cal. Times: 11:09 13:06

Lab Sample ID: 1400 Quant Type: ISTD Method: /var/chem/msv11.i/2110116.s.b/8260bw11.m

1	1	1	1	CCAL MIN	1	MAX	l.
COMPOUND	RRF	/ AMOUNT	RF50	RRF50 RRF	%D / %DRIFT %D	/ %DRIFT	CURVE TYPE
						********	********
1 Dichlorodifluoromethane	E	44.132441	50.000001	0.23942 0.010	-11.73512	40.00000	Linear
2 Chloromethane ++	1	44.536281	50.000001	0.24629 0.100	-10.92744	30.00000	Linear
3 Vinyl Chloride +	1	0.390641	0.357541	0.35754 0.010	-8.471771	20.00000	Averaged
5 Bromomethane	1	45.442991	50.000001	0.23083 0.010	-9.114021	40.00000	Linear
6 Chloroethane	1	0.19846	0.18568	0.18568 0.010	-6.437821	30.00000	Averaged
9 Trichlorofluoromethane	1	46.31518[50.000001	0.35428 0.010	-7.369651	30.00000	Linear
13 1,1-Dichloroethene +	1	46.429561	50.000001	0.21643 0.010	-7.140881	20.00000	Linear
21 Carbon Disulfide	1	45.30857	50.000001	0.63087 0.010	-9.382851	30.00000	Linear
19 1,1,2Trichlotrifluoroethane	1	47.29173	50.000001	0.22626 0.010	-5.416531	30.00000	Linear
14 Methyl Iodide	1	0.308141	0.289711	0.28971 0.010	-5.981491	30,00000	Averaged
18 Acrolein	1	0.01283	0.015941	0.0159410.010	24.22432	40.00000	Averaged
18 Methylene Chloride	1	0.359661	0.31829	0.31829 0.010	-11.50132	30.00000	Averaged
11 Acetone	1	0.104731	0.11918	0.11918 0.010	13.79150	40.00000	Averaged
22 trans-1,2-Dichloroethene	1	45.84145	50.000001	0.32707 0.010	-8.31710	30.00000	Linear
20 Methyl Acetate	1	0.190671	0.196571	0.19657 0.010	3.093761	30.00000	Averaged
32 Hexane	1	48.044991	50.000001	0.49058 0.010	-3.91003	30.00000	Linear
25 MTBE	1	47.414461	50.000001	0.7407210.010	-5.17108	30.00000	Linear
26 1,1-Dichloroethane ++	1	47.231531	50.000001	0.44742 0.100	-5.536931	30.00000	Linear
16 Acrylonitrile	1	0.076531	0.078891	0.07889 0.010	3.082441	40.00000	Averaged
29 Vinyl Acetate	1	0.32818	0.35357	0.3535710.010	7.734411	40.00000	Averaged
23 cis-1,2-Dichloroethene	1	46.507451	50.000001	0.33089 0.010	-6.985091	30,00000	Linear
38 2,2-Dichloropropane	1	0.400881	0.379561	0.37956 0.010	-5.318451	30.00000	Averaged
36 Bromochloromethane	1	0.14591	0.13394	0.13394 0.010	-8.203101	30,00000	Averaged
45 Cyclohexane	1	0.447701	0.43342	0.43342 0.010	-3.19049	30.00000	Averaged
37 Chloroform +	1	47.325551	50.000001	0.44847 0.010	-5.34891	20.00000	Linear
46 Carbon Tetrachloride	1	0.334241	0.31463	0.31463 0.010	-5.868081	30.00000	Averaged
\$ 39 Dibromofluoromethane	1	0.24071	0.239851	0.23985 0.010	-0.356401	30.00000	Averaged
43 1,1,1-Trichloroethane	1	0.41361	0.383001	0.38300 0.010	-7.399581	30.00000	Averaged
33 2-Butanone	1	55.978301	50.000001	0.15144 0.010	11.956611	40.00000	Linear
44 1,1-Dichloropropene	1	46.94601	50.000001	0.34658 0.010	-6.10798	30.00000	Linear
47 Benzene	1	46.658541	50.000001	1.05427 0.010	-6.682921	30.00000	Linear
\$ 41 1,2-Dichloroethane-d4	1	0.154191	0.147761	0.14776 0.010	-4.16793	30.00000	Averaged
42 1,2-Dichloroethane	1	0.380711	0.354381	0.35438 0.010	-6.91701	30.00000	
61 Methyl Cyclohexane	1	47.334211	50.000001	0.4243110.010	-5.331581	30.00000	
57 Trichloroethene	1	45.652461	50.000001	0.26586 0.010	-8.695091	30.00000	
	1	1		Manager Company	4		

Data File: /var/chem/msv11.i/2110116.s.b/a8960.d

Report Date: 16-Jan-2011 09:58

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: msv11.i Injection Date: 16-JAN-2011 09:23

Init. Cal. Date(s): 14-JAN-2011 15-JAN-2011 Init. Cal. Times: 11:09 13:06 Lab File ID: a8960.d Analysis Type: WATER

Lab Sample ID: 1400 Quant Type: ISTD Method: /var/chem/msv11.i/2110116.s.b/8260bw11.m

	/ AMOUNT!	DDE0					
		RF50	RRF50 R	RF %D / %	DRIFT[%D /	*DRIFT	CURVE TYPE
		X 83 PE 107 107 107 107 107 107 107 107 107 107	*****			EMMODERACE	********
1	0.16997	0.15794	0.15794 0.	010 -7.	075931 30	0.000001	Averaged
1	46.983191	50.000001	0.26391 0.	0101 -6.	03361 20	0.000001	Linear
1	0.37103	0.35145	0.35145 0.	010 -5.	277941 30	0.000001	Averaged
1	92.348901	1001	0.32898 0.	0101 -7.	65110 30	0.000001	Linear
1	47.66821	50.000001	0.04150 0.	001 -4.	663571 30	0.000001	Linear
.1	42.17605	50.000001	0,02376 0.	010 -15.	64791 40	0.000001	Linear
1	0.449481	0.430321	0.4303210.	010 -4.	264151 30	0.000001	Averaged
1	2.544361	2.467021	2.4670210.	010 -3.	039871 30	0.000001	Averaged
1	48.403081	50.000001	2.9195210.	010 -3.	19385 20	000000	Linear
E	52.855531	50.000001	0.28930 0.	010 5.	71105 40	0.000001	Linear
1.	0.57317	0.539541	0.5395410.	010 -5.	86643 30	0.000001	Averaged
1	0.41818	0.403421	0.4034210.	0101 -3.	530141 30	0.000001	Averaged
T	0.659491	0.61840	0.61840 0.	010 -6.	231661 30	0.000001	Averaged
1	0.71428	0.696281	0.6962810.	0101 -2.	52018 30	0.000001	Averaged
1.	1.146141	1.072631	1.07263 0.	0101 -6.	41324 30	0.000001	Averaged
1	0.657531	0.61516	0.6151610.	010 -6.	443691 30	0.000001	Averaged
1	60.53416	50.000001	0.5668510.	010 21.	068331 40	0.000001	Linear
1	45.272411	50.000001	0.31722 0.	010 -9.	45518 30	0.000001	Linear
1	48.783531	50.000001	1.82982 0.	3001 -2.	432951 30	0.000001	Linear
13	1.062841	1.009411	1.00941 0.	0101 -5.	026681 20	0.000001	Averaged
1	48.92515	50.000001	0.61833 0.	010 -2.	14970 30	0.000001	Linear
Û	95.80231	1001	1.22458 0.	010 -4.	197691 30	0.000001	Linear
1	0.433831	0.41687	0.4168710.	010 -3.	910391 30	1000001	Averaged
1	47.527891	50.000001	1.14222 0.	010 -4.	944221 30	.000001	Linear
1	1.96775	1.97896	1.97896 0.	010 0.	569431 30	.000001	Averaged
£	0.463921	0.497261	0.49726 0.	1001 7.	187221 30	0.000001	Averaged
£1	47.82468	50.000001	2.96875 0.	0101 -4.	350641 30	.000001	Linear
T.	0.708181	0.724511	0.72451 0.	010 2.	304751 30	.000001	Averaged
î.	48.582001	50.000001	1.22244 0.	0101 -2.	336001 30	.000001	Linear
1	48.504831	50.000001	3.5927910.	010 -2.	990331 30	1.000001	Linear
1	57.92332	50.000001	0.90674 0.	300 15.	34664 30	0.000001	Linear
15	49.25300	50.000001	2.14676 0.	010 -1.	193991 30	.000001	Linear
1	0.740271	0.740701	0.7407010.	010 0.0	058221 30	.000001	Averaged
12	48.467221	50.000001	2.53744 0.	010 -3.	065561 30	.000001	Linear
Ti .	55.239541	50.000001	0.25284 0.	010 10.	179091 40	.000001	Linear
		0.37103 92.34890 47.66821 42.17605 0.44948 2.54436 48.40308 52.85553 0.57317 0.41818 0.65949 0.71428 1.14614 0.65753 60.53416 45.27241 48.78353 1.06284 48.92515 95.80231 0.43383 47.52789 1.96775 0.46392 47.82468 0.70818 48.50483 57.92332 49.25300 0.74027	0.37103 0.35145 92.34890 100 47.66821 50.00000 42.17605 50.00000 0.44948 0.43032 2.54436 2.46702 48.40308 50.00000 52.85553 50.00000 0.57317 0.53954 0.41818 0.40342 0.65949 0.61840 0.71428 0.69628 1.14614 1.07263 0.65753 0.61516 60.53416 50.00000 45.27241 50.00000 48.78353 50.00000 48.78353 50.00000 48.78353 50.00000 1.06284 1.00941 48.92515 50.00000 48.92515 50.00000 1.96775 1.97896 0.46392 0.49726 47.82468 50.00000 47.82468 50.00000 48.50483 50.00000 48.50483 50.00000 48.50483 50.00000 48.50483 50.00000 49.25300 50.00000 0.74027 0.74070 48.46722 50.00000	0.37103 0.35145 0.35145 0. 92.34890 100 0.32898 0. 47.66821 50.00000 0.04150 0. 42.17605 50.00000 0.02376 0. 0.44948 0.43032 0.43032 0. 2.54436 2.46702 2.46702 0. 48.40308 50.00000 2.91952 0. 52.85553 50.00000 0.28930 0. 0.57317 0.53954 0.53954 0. 0.41818 0.40342 0.40342 0. 0.65949 0.61840 0.61840 0. 0.71428 0.69628 0.69628 0. 1.14614 1.07263 1.07263 0. 0.65753 0.61516 0.61516 0. 60.53416 50.00000 0.31722 0. 48.78353 50.00000 0.31722 0. 48.78353 50.00000 0.31722 0. 48.92515 50.00000 0.31722 0. 48.92515 50.00000 0.61833 0. 95.80231 100 1.22458 0. 0.43383 0.41687 0.41687 0. 47.52789 50.00000 1.14222 0. 1.96775 1.97896 1.97896 0. 0.46392 0.49726 0.49726 0. 47.82468 50.00000 2.96875 0. 0.70818 0.72451 0.72451 0. 48.50483 50.00000 1.22244 0. 48.50483 50.00000 1.22244 0. 48.50483 50.00000 0.90674 0. 49.25300 50.00000 2.14676 0. 0.74027 0.74070 0.74070 0.	0.37103 0.35145 0.35145 0.010 -5.: 92.34890 100 0.32898 0.010 -7. 47.66821 50.00000 0.04150 0.001 -4.: 42.17605 50.00000 0.02376 0.010 -15.: 0.44948 0.43032 0.43032 0.010 -4.: 2.54436 2.46702 2.46702 0.010 -3.: 48.40308 50.00000 0.28930 0.010 -5.: 0.57317 0.53954 0.53954 0.010 -5.: 0.57317 0.53954 0.53954 0.010 -5.: 0.41818 0.40342 0.40342 0.010 -3.: 0.65949 0.61840 0.61840 0.010 -6.: 0.71428 0.69628 0.69628 0.010 -2.: 1.14614 1.07263 1.07263 0.010 -6.: 0.65753 0.61516 0.61516 0.010 -6.: 0.53416 50.0000 0.56685 0.010 -2.: 1.06284 1.00941 1.00941 0.010 -5.: 48.78353 50.0000 0.31722 0.010 -9.: 48.78353 50.0000 0.56685 0.010 -2.: 1.06284 1.00941 1.00941 0.010 -5.: 48.92515 50.0000 1.82982 0.300 -2.: 1.06284 1.00941 1.00941 0.010 -5.: 48.92515 50.0000 0.61833 0.010 -2.: 1.96775 1.97896 1.97896 0.010 -4.: 0.43383 0.41687 0.41687 0.010 -4.: 1.96775 1.97896 1.97896 0.010 -4.: 1.96775 1.97896 1.97896 0.010 -4.: 0.70818 0.72451 0.72451 0.010 -2.: 48.58200 50.00000 3.59279 0.010 -2.: 48.58200 50.00000 3.59279 0.010 -2.: 48.59232 50.00000 3.59279 0.010 -2.: 57.92332 50.00000 2.14676 0.010 -1.: 0.74027 0.74070 0.74070 0.010 0.0	0.37103 0.35145 0.35145 0.010 -5.27794 30 92.34890 100 0.32898 0.010 -7.65110 30 47.66821 50.00000 0.04150 0.001 -4.66357 30 42.17605 50.00000 0.02376 0.010 -15.64791 40 0.44948 0.43032 0.43032 0.010 -4.26415 30 2.54436 2.46702 2.46702 0.010 -3.03987 30 48.40308 50.00000 2.91952 0.010 -3.19385 20 52.85553 50.00000 0.28930 0.010 5.71105 40 0.57317 0.53954 0.53954 0.010 -5.86643 30 0.41818 0.40342 0.40342 0.010 -3.53014 30 0.65949 0.61840 0.61840 0.010 -6.23166 30 0.71428 0.69628 0.69628 0.010 -2.52018 30 1.14614 1.07263 1.07263 0.010 -6.41324 30 0.65753 0.61516 0.61516 0.010 -6.44369 30 60.53416 50.00000 0.56685 0.010 21.06833 40 45.27241 50.00000 0.31722 0.010 -9.45518 30 48.78353 50.00000 1.82982 0.300 -2.43295 30 1.06284 1.00941 1.00941 0.010 -5.02668 20 48.92515 50.00000 0.61833 0.010 -2.14970 30 47.52789 50.00000 1.14222 0.010 -4.19769 30 0.43383 0.41687 0.41687 0.010 -3.91039 30 47.52789 50.00000 1.22458 0.010 -2.39033 30 47.52789 50.00000 1.22245 0.010 -4.35064 30 0.70818 0.72451 0.72451 0.010 -2.83600 30 48.58200 50.00000 3.59279 0.010 -2.99033 30 48.59483 50.00000 2.96875 0.010 -2.99033 30 49.25300 50.00000 3.59279 0.010 -2.99033 30 49.25300 50.00000 2.14676 0.010 -1.49399 30 0.74027 0.74070 0.74070 0.010 0.05822 30	0.37103 0.35145 0.35145 0.010 -5.27794 30.00000 92.34890 100 0.32898 0.010 -7.65110 30.00000 47.66821 50.00000 0.04150 0.001 -4.66357 30.00000 42.17605 50.00000 0.02376 0.010 -15.64791 40.00000 0.44948 0.43032 0.43032 0.010 -4.26415 30.00000 2.54436 2.46702 2.46702 0.010 -3.03987 30.00000 48.40308 50.00000 2.91952 0.010 -3.19385 20.00000 52.85553 50.00000 0.28930 0.010 5.71105 40.00000 0.57317 0.53954 0.53954 0.010 -5.86643 30.00000 0.41818 0.40342 0.40342 0.010 -3.53014 30.00000 0.65949 0.61840 0.61840 0.010 -6.23166 30.00000 0.71428 0.69628 0.69628 0.010 -2.52018 30.00000 0.71428 0.69628 0.69628 0.010 -2.52018 30.00000 0.65753 0.61516 0.61516 0.010 -6.44369 30.00000 45.27241 50.00000 0.31722 0.010 -9.45518 30.00000 48.78353 50.00000 0.31722 0.010 -9.45518 30.00000 48.78353 50.00000 0.31722 0.010 -9.45518 30.00000 48.78353 50.00000 0.31722 0.010 -9.45518 30.00000 48.78353 50.00000 0.31722 0.010 -9.45518 30.00000 48.78353 50.00000 0.31722 0.010 -9.45518 30.00000 48.78353 50.00000 0.31722 0.010 -9.45518 30.00000 48.78353 50.00000 0.31722 0.010 -9.45518 30.00000 48.78353 50.00000 0.31722 0.010 -9.45518 30.00000 48.78353 50.00000 0.31722 0.010 -9.45518 30.00000 48.78353 50.00000 0.5685 0.010 2.14970 30.00000 48.78353 50.00000 0.61833 0.010 -2.14970 30.00000 48.78353 50.00000 1.22458 0.010 -4.19769 30.00000 48.52724 50.00000 1.22458 0.010 -4.94422 30.00000 0.43383 0.41687 0.41687 0.010 -3.91039 30.00000 47.52789 50.00000 1.22458 0.010 -4.9360 30.00000 47.82468 50.00000 2.96875 0.010 -4.35664 30.00000 48.58200 50.00000 2.96875 0.010 -4.35664 30.00000 48.58200 50.00000 3.59279 0.010 -2.99033 30.00000 48.50483 50.00000 2.14676 0.010 -1.49399 30.00000 57.92332 50.00000 2.14676 0.010 -1.49399 30.000000 57.92332 50.00000 2.14676 0.010 -3.06556 30.000000

Data File: /var/chem/msv11.i/2110116.s.b/a8960.d

Report Date: 16-Jan-2011 09:58

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: msvll.i Injection Date: 16-JAN-2011 09:23

Init. Cal. Date(s): 14-JAN-2011 15-JAN-2011 Init. Cal. Times: 11:09 13:06 Lab File ID: a8960.d Analysis Type: WATER

Init. Cal. Times: Quant Type: ISTD Lab Sample ID: 1400 Method: /var/chem/msv11.i/2110116.s.b/8260bw11.m

I	1	1		1	CCAL	1	MIN	1	1	MAX	8 3	
COMPOUND	RRF	/ AMOUNT!	RF50	1	RRF50	1	RRF	1 %D	/ %DRIFT	%D / %D	RIFT	CURVE TYPE
	!			-1-			9 10 30 W M	===			****	
102 4-Chlorotoluene	1	48.766871	50.0000	01	2.261	0610	0.010	1	-2.466261	30.0	0000	Linear
105 tert-butylbenzene	1	47.817061	50.0000	01	1.338	9810	0.010	1	-4.365881	30.0	0000	Linear
106 1,2,4-Trimethylbenzene	1	48.30595	50.0000	01	2.614	4010	0.010	1	-3.38809	30.0	0000	Linear
107 sec-Butylbenzene	1	48.546691	50.0000	01	3.108	8610	0.010	1	-2.90663	30.0	0000	Linear
111 p-Isopropyltoluene	1	47.92295	50.0000	01	2.519	7210	0.010	1	-4.15409	30.0	0000	Linear
108 1,3-Dichlorobenzene	1	49.056961	50.0000	01	1.484	2710	0.010	1	-1.88608	30.0	0000	Linear
110 1,4-Dichlorobenzene	1	49.24021	50.0000	01	1.547	7510	0.010	Ī	-1.51958	30.0	0000	Linear
1114 n-Butylbenzene	1	48.18701	50.0000	01	2.285	0810	0.010	1	-3.62598	30.0	0000	Linear
113 1,2-Dichlorobenzene	1	49.89651	50.0000	01	1.435	8810	0.010	1	-0.206981	30.0	0000	Linear
M 120 TOTAL XYLENE	1	143	15	01	1.253	9810	.100	1	-4.44653	30.0	0000	Linear
115 1,2-Dibromo-3-Chloropropane	1	55.97041	50.0000	01	0.175	7710	0.010	1	11.94082	40.0	0000	Linear
118 Hexachlorobutadiene	1	47.849791	50.0000	01	0.240	7510	0.010	1	-4.300421	30.0	0000	Linear
116 1,2,4-Trichlorobenzene	1	50.18815	50.0000	01	0.735	4810	0.010	1	0.37631	30.0	0000	Linear
117 Naphthalene	.1	51.68520	50.0000	01	1.802	8510	0.010	1	3.370411	30.0	0000	Linear
119 1,2,3-Trichlorobenzene	1	52.54682	50.0000	01	0.594	4010	0.010	1	5.093651	30.0	0000	Linear
	1	1		1		1		1	1			

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 07-JAN-2011 11:14 End Cal Date : 07-JAN-2011 20:23

Quant Method : ISTD Target Version : 3.50 Integrator : HP RTE

Method file : /var/chem/msv5.i/2110107p.s.b/8260Bw5.m

Cal Date : 12-Jan-2011 10:50 rjo

Calibration File Names:

Level 1: /var/chem/msv5.i/2110107p.s.b/k9759.d Level 2: /var/chem/msv5.i/2110107p.s.b/k9761.d Level 3: /var/chem/msv5.i/2110107p.s.b/k9762.d Level 4: /var/chem/msv5.i/2110107p.s.b/k9763.d Level 5: /var/chem/msv5.i/2110107p.s.b/k9764.d Level 6: /var/chem/msv5.i/2110107p.s.b/k9760.d Level 7: /var/chem/msv5.i/2110107p.s.b/k9758.d

Compound	5 Level 1	20 Level 2	50 Level 3	100 Level 4	200 Level 5	10 Level 6	Curve	b	ml	m2	%RSD or R^2	
	1 1 Level 7		1 I				1				1 1	
1 Dichlorodifluoromethane	0.18213		0.18824	0.18705	0.17952	i	AVRG		0.18402	********	9.19371	
2 Chloromethane ++	0.16655		0.16114	0.16824	0.18074		AVRG		0.165611		I I 8.63632	
3 Vinyl Chloride +	0.18714		0.18677	0.19290	0.19694	ı	AVRG		0.18701		1 6.43838	
4 1-3 Butadiene	0.17650	0.16735	0.14966	0.16469	0.16592		AVRG		0.16952		8.49331	
											.1	

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 07-JAN-2011 11:14 End Cal Date : 07-JAN-2011 20:23

Target Version : 3.50
Integrator : HP DT : HP RTE

: /var/chem/msv5.i/2110107p.s.b/8260Bw5.m : 12-Jan-2011 10:50 rjo Method file

	1 5 1	20	50	100	200 1	10	1	Co	pefficients		RSD
Compound	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Curvel	b	ml	m2	or R^2
	1 1 1 Level 7		i	-	İ						1
5 Bromomethane	0.08290	0.08325	0.08435	0.09416	0.10125	0.07734			0.090221		l 12.53249
.8 Chloroethane	1 102521		98413	194104	384300		LINR I	-0.02138	0.09061		0.99981
9 Trichlorofluoromethane	0.245151	VOICH ENTERNANCE		0.23304	0.23177	0.20877	I I	ļ	0.238521		8.16413
28 2-Chloropropene	1 +++++ 1	+++++	+++++	+++++	+++++		I I	!	0.000e+001		1 1 0.000e+00
10 Ethyl Ether	0.118041		1	0.10317	0.10023		I I	I	0.103741		I I 6.68560
160 Ethanol	1 +++++ 1	+++++	+++++ 1	+++++	+++++ 1		I I	1	0.000e+001		1 1 0.000e+00
11 1,1-Dichloroethene +	0.12894	0,12542		0.12551	0.13167		I I		0.12971		8,20527
					********	per per last sex jan jan fer der den den den der					

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 07-JAN-2011 11:14 End Cal Date : 07-JAN-2011 20:23

Quant Method : ISTD Target Version : 3.50 Integrator Method file : HP RTE

: /var/chem/msv5.i/2110107p.s.b/8260Bw5.m : 12-Jan-2011 10:50 rjo

Compound	5 Level 1	20 Level 2	50 Level 3	100 Level 4	200 Level 5		Curve	b	ml	m2	%RSD or R^2
	1 1 Level 7	 	i	1	1		1 I I I				1
12 Carbon Disulfide	49367 1 14109	178308	434865 I	9273221	1867243	85501	 LINR	0.00780	0.44123		0.9998
13 1,1,2Trichlotrifluoroethane	0.134141	0.14195	0.13944	0.13780	0.13307	0.12795	I I	1	0.13878		1 6.70288
14 Methyl Iodide	73141	38493 I	125805	2989081	622846	16380	 LINR	0.09612	0.14977		0.9984
15 Acrolein	0.019361	0.01960	0.02027	0.02058	0.02068	0.01967	I I	1	0.020031		1 2.7759
16 Allyl chloride	0.15946	0.13949	0.12684	0.13741		0.13951	I I	1	0.14511		1 13.8203
17 Methylene Chloride	0.203861	0.202761	0.19357	0.19148		0.19041	I I	I	0.20164		9.1054
18 Acetone	0.14082	0.12015	0.10709	0.108671	The second second second	0.13700	I I	i	0.119541		1 13.4236

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 07-JAN-2011 11:14 End Cal Date : 07-JAN-2011 20:23 Quant Method : ISTD

Target Version : 3.50 Integrator : HP RTE

: /var/chem/msv5.i/2110107p.s.b/8260Bw5.m : 12-Jan-2011 10:50 rjo Method file

Compound	5 Level 1	20 Level 2	50 Level 3	100 Level 4	200 Level 5	10 Level 6	Curve	b	Coefficients m1	m2	%RSD or R^2
	1 Level 7		1	i	1						
19 trans-1,2-Dichloroethene	0.211211	0.200171	0.21061	0.205081	0.20267	0.18840	AVRG		 0.21225		1 12.05581
20 Methyl Acetate	0.21196	0.22316	0.20887	0.18980	To the same of	0.21908	I I		0.206871		1 7.09687
21 Hexane	0.172701	0.14172	0.14745	0.14989		0.12447			0.14719		1 10.54326
22 MTBE	0.453391	0.44413	0.45379	0.447441	0.43010	0.41539			0.457771		1 10.3113
23 tert-Butyl Alcohol	0.02411	0.028261	0.02663	0.02428	0.02393	0.02585	AVRG I		0.02551		1 6.76259
24 Acetonitrile	0.037451	0.03667	0.03238	0.031731	1	0.03693	AVRG		1 0.034661		7.54418
25 Isopropyl Ether	0.584551	0.598641	0.56153	0.60192	i	0.59564	I I	*****	0.59830		1 4.24412
										*****	_

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 07-JAN-2011 11:14 End Cal Date : 07-JAN-2011 20:23

Quant Method : ISTD Target Version : 3.50
Integrator : HP RT : HP RTE

: /var/chem/msv5.i/2110107p.s.b/8260Bw5.m : 12-Jan-2011 10:50 rjo Method file

Compound	5 Level 1	20 Level 2	50 Level 3	100 Level 4	200 Level 5		Curve	b	Coefficients m1	m2	%RSD or R^2
	1 1 1 Level 7				i i		1				1 1 1 1 1 1
26 Chloroprene	0.22145	0.21048	Discussion of the second	0.21511	0.21784	0.21774	AVRG		1 0.224341		
27 1,1-Dichloroethane ++	0.283061		1		Si una recordado	0.30360	AVRG		0.30272		
29 Acrylonitrile	0.091181	0.08983	The second secon		[0.08846		-	1 0.093301		1 3.789521
161 Ethyl-tert butyl ether	1 +++++ 1	+++++	+++++	+++++	+++++	+++++	AVRG I		[I I 0.000e+00I
30 Vinyl Acetate	0.382941		i		1 1		AVRG		0.37585	********	
61 Total 1,2-Dichloroethene	0.22545		0.224541	0.22547	1	0.21079					
31 cis-1,2-Dichloroethene	0.239691		0.238481	0.24587	Permitted and a service of		AVRG I		1 0.245371		 6.78238
~~~~~~~~~~									_  -		 

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Report Date: 19-Jan-2011 15:36

# GCAL, Inc.

#### INITIAL CALIBRATION DATA

Start Cal Date : 07-JAN-2011 11:14 End Cal Date : 07-JAN-2011 20:23

Quant Method : ISTD Target Version : 3.50
Integrator : HP R : HP RTE

: /var/chem/msv5.i/2110107p.s.b/8260Bw5.m : 12-Jan-2011 10:50 rjo Method file

Compound	5     Level 1	20   Level 2	50   Level 3	100   Level 4	200   Level 5	10 Level 6	Curve	b	Coefficients ml	m2	%RSD or R^2
	1     Level 7	1		ļ	1						T I
32 2,2-Dichloropropane	0.27516  0.34282	0.26128	0.26751	0.26402		0.25833			1 0.274681		1 11.21833
34 Cyclohexane	0.26245	0.24785	0.25640	0.25827	0.26075  	0.22756	I I		0.260081		9.22934
33 Bromochloromethane	0.09191	0.08910	0.088971	0.083931	0.08048	0.09348	I I		0.08836		   5.20317
35 Chloroform +	0.33850	0.32115	0.31744	0.31477	0.31648	0.31730			1 0.320691		1 2.52809
36 Carbon Tetrachloride	0.22895	0.216091	0.21750	0.21535	0.21490	0.19101			0.21459		5.33913
37 Ethyl Acetate	0.32030    0.25744	0.32947	0.32449	0.322061	ASSESSED FOR THE PROPERTY OF THE PARTY OF TH	0.29913	AVRG		0.31050		   8.13903
38 Tetrahydrofuran	0.11891	0.12099	0.11940	0.11860	200-11-01-12-01-1	0.10933			0.11417		7.42461
							-				

# GCAL, Inc.

## INITIAL CALIBRATION DATA

Start Cal Date : 07-JAN-2011 11:14 End Cal Date : 07-JAN-2011 20:23

Quant Method : ISTD Target Version : 3.50 Integrator : HP RTE

: /var/chem/msv5.i/2110107p.s.b/8260Bw5.m : 12-Jan-2011 10:50 rjo Method file

Compound	5     Level 1	20   Level 2	50   Level 3	100   Level 4	200   Level 5	10 Level 6	  Curve	b	coefficients ml	m2	%RSD     or R^2
	1 1 1     Level 7	 	    		 		 				
40 1,1,1-Trichloroethane	0.272331	0.27410	0.26834	0.26657		0.25044	I I	1	0.27266		1 1 7.727831
41 sec-Butanol	1 0.030001	0.027581	0.028931	0.02830	0.02883	0.03629	I I	     	0.029991		1 10.632261
159 Heptane	+++++	+++++	+++++	+++++	+++++	+++++	I I		0.000e+001		
42 2-Butanone	0.18332	0.18317	0.18615	0.18224	0.18842	0.18800	I I		0.19467		1 12.911011
43 1,1-Dichloropropene	0.247241	0.24896	0.24894	0.25655		0.23567	I I		0.25289		5.626261
44 2-2-4 trimethyl Pentane	57497    +++++	170202	404981	833005	A STATE OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PAR	131928	  LINR	-0.065251	0.36160		0.998691
162 tert-butyl formate	+++++     +++++	+++++	+++++	+++++	+++++		I I I		0.000e+001		

# GCAL, Inc.

## INITIAL CALIBRATION DATA

Start Cal Date : 07-JAN-2011 11:14 : 07-JAN-2011 20:23 End Cal Date

Quant Method : ISTD Target Version : 3.50
Integrator : HP R : HP RTE

: /var/chem/msv5.i/2110107p.s.b/8260Bw5.m : 12-Jan-2011 10:50 rjo Method file

Compound	5     Level 1	20 Level 2	50   Level 3	100   Level 4	200     Level 5	10 Level 6	  Curve	Coefficients b ml	m2	%RSD     or R^2
	1   1   Level 7		   		 		1 1			
45 Benzene	0.699341	0.69182	Charles and built and the	0.68875	0.68970	0.71245	I I	   0.71305		8.00816
46 Propionitrile	0.044681	0.04815	0.047331	0.04783	0.04612	0.04885	I I	1 0.045161		
47 Methacrylonitrile	0.19429	0.19534	0.19753	0.20452	I and the second second	0.20179	I I	1 0.208221		1 14.247871
163 tert amyl methyl ether	1 +++++ 1	+++++	+++++	+++++	+++++   	+++++	I I I	1 0.000e+001		
49 1,2-Dichloroethane	0.29557		1	0.26978	0.26215	0.24877	I I I	0.276571		1 8.073871
50 Isobutyl Alcohol	0.016201		0.01653	0.01620	0.01596			1 0.016061		1 4.410681
164 tert amyl alcohol	1 +++++ 1	+++++	+++++	+++++	   +++++   	+++++	AVRG	1 0.000e+001		1 0.000e+001
***************************************							11			1

# GCAL, Inc.

## INITIAL CALIBRATION DATA

Start Cal Date : 07-JAN-2011 11:14 End Cal Date : 07-JAN-2011 20:23

Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE
Method file : /var/ch

: /var/chem/msv5.i/2110107p.s.b/8260Bw5.m : 12-Jan-2011 10:50 rjo

Compound	5     Level 1	20 Level 2	50   Level 3	100   Level 4	200     Level 5	10 Level 6	  Curve	b	Coefficients ml	m2	%RSD     or R^2
	1     Level 7				1						
53 Methyl Cyclohexane	0.209321				0.22195	0.18591	I I I				9.56744
54 Trichloroethene	0.16533		0.16489			0.15200	I I		0.16841		7.49901
55 1,3 Difluorobenzene	+++++	+++++	+++++	*****	+++++	+++++	AVRG				1 0.000e+00
56 n-Butanol	0.01089	0.01165		0.01209	0.01143	0.01116	I I		0.01116		9.90218
57 Dibromomethane	0.13527	0.13582	0.13043	0.13394	0.12767	0.12863	I I		0.13667		1 9.42274
58 2-3 Dichloro-1-Proprene	0.286231	0.30092			0.29321	0.28851	I I		0.29171		1 2.57791
59 1,2-Dichloropropane +	0.17410	0.18784	0.18092	0.18619	0.18984	0.17653	I I		1 0.185211		1 4.91565
		** ** ** ** ** ** ** ** ** ** ** **									1

# GCAL, Inc.

#### INITIAL CALIBRATION DATA

Start Cal Date : 07-JAN-2011 11:14 End Cal Date : 07-JAN-2011 20:23

Quant Method : ISTD Target Version : 3.50
Integrator : HP RTE

: /var/chem/msv5.i/2110107p.s.b/8260Bw5.m : 12-Jan-2011 10:50 rjo Method file

Cal Date

Compound	5   Level 1	20   Level 2	50   Level 3	100   Level 4	200   Level 5	10 Level 6		b	Coefficients ml	m2	%RSD     or R^2
	l 1 Level 7		i	i	i						i i
60 Bromodichloromethane	0.25853 0.25081	0.25689	0.257291	0.26972	0.26721	0.25443	AVRG				1 2.622171
62 Methyl methacrylate	0.17686	0.18825	0.200091	0.18648	1		I I		0.18792		1 4.041261
68 1,4 Difluorobenzene	+++++   +++++	   +++++   	+++++ I	+++++   	   +++++   		I I		1 0.000e+001		
63 1,4- Dioxane	0.00232   ++++	0.00285	0.002621	0.00284	Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction o	0.00289	,	N 200 300 300 300 400 400 4	1 0.002731		8.06539
88 Methyl Disulfide	1 +++++	   +++++   	***** I	++++	   +++++   	+++++	I I I		1 0.000e+001		   0.000e+00
64 1-Bromo-2-chloroethane	1 0.28497 1 0.32559		0.285431	0.30052	   0.28717  	0.27698	I I I		0.294151		
65 2-Chloroethyl vinyl ether	0.15151 0.14650	0.17983	0.16519	0.18072	   0.18436  	0.15534	1		0.16621		   9.35043

## GCAL, Inc.

# INITIAL CALIBRATION DATA

Start Cal Date : 07-JAN-2011 11:14
End Cal Date : 07-JAN-2011 20:23
Quant Method : ISTD
Target Version : 3.50
Integrator : HP RTE

: /var/chem/msv5.i/2110107p.s.b/8260Bw5.m : 12-Jan-2011 10:50 rjo Method file

Compound	5     Level 1	20   Level 2	50   Level 3	100   Level 4	200   Level 5	10 Level 6	  Curve	ь	Coefficients ml	m2	1 (	%RSD or R^2
	   1     Level 7		   	1    1	   		1 1 1 1				1 1	
66 cis-1,3-Dichloropropene	0.32915	0.324641	0.324031	0.34278	0.33732	0.30590	I I				i	5.23186
69 Toluene +	1.62929	1.61655	1.54359	1.64003		1.49916	I I		1 1.634991		   	7.92601
6 1-3 Dichloropropene-Total	0.31828	0.32151	0.326591	0.33701	0.33431	0.30195	I IAVRG I		0.32194			3.75971
70 2-nitropropane	0.078031	0.08255	0.09337	0.09326	1	0.08165			0.08476		1	11.2065
71 4-methyl-2-pentanone	0.322551	0.348491	0.35361	0.350471		0.30936	AVRG		0.34803		1	8.00359
72 Tetrachloroethene	0.242561	0.27033	0.26280	0.26815	1	0.25100	I I		0.260001		1	4.08665
73 trans-1,3-Dichloropropene	0.673071	0.68432	0.683181	0.711261		0.64824			0.69106			4.37479
	_						 		_  _			

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# GCAL, Inc.

#### INITIAL CALIBRATION DATA

Start Cal Date : 07-JAN-2011 11:14 End Cal Date : 07-JAN-2011 20:23

Quant Method : ISTD Target Version : 3.50 : HP RTE Integrator

: /var/chem/msv5.i/2110107p.s.b/8260Bw5.m : 12-Jan-2011 10:50 rjo Method file

Compound	5     Level 1	20   Level 2	50   Level 3	100 Level 4	200     Level 5			Coefficients b ml	m2	%RSD     or R^2
	1     Level 7	 	1 1				1 1			1 1
74 Ethyl Methacrylate	0.579931	0.53014	0.55351	0.54948	0.556991	0.48239	I I	   0.53023		8.23571
75 1,1,2-Trichloroethane	0.376801	0.38011	0.36565	0.39123		0.38129	I I			3.084561
76 Dibromochloromethane	0.424851	0.42532)	0.42815	0.45616		0.41457	I I	0.43241		3.31489
7 Total Difluorobenzene	+++++     +++++	+++++	+++++	*****	+++++	+++++	I I			1 0.000e+001
77 1,3-Dichloropropane	0.822251	0.75373	0.73701	0.79763	0.772131	0.73602		0.774061		1 4.339541
78 1-nitropropane	0.05167    +++++	0.060591	0.062101	0.05893	[	0.04558	I I	1 0.056951		1 12.049121
79 1,2-Dibromoethane(EDB)	0.416571		0.40659	0.44021	0.43400	0.39866	I I	0.414171		1 4.254391
										1

# GCAL, Inc.

## INITIAL CALIBRATION DATA

Start Cal Date : 07-JAN-2011 11:14 End Cal Date : 07-JAN-2011 20:23

Quant Method : ISTD Target Version : 3.50 Integrator : HP RI : HP RTE

: /var/chem/msv5.i/2110107p.s.b/8260Bw5.m : 12-Jan-2011 10:50 rjo Method file

Compound	5     Level 1	20   Level 2	50   Level 3	100 Level 4	200   Level 5	10 Level 6		b	Coefficients ml	m2	%RSD     or R^2
	1     Level 7						1 1				
81 1,2 Difluorobenzene	+++++	+++++	+++++	+++++	+++++	+++++	I I I				
165 3,3 dimethyl 1-butanol	+++++	+++++   	+++++	+++++	+++++   	++++	I I				
80 2-Hexanone	0.496861	0.557891	0.54164	0.57324	0.582431	0.51311	I I		0.55171		6.65161
82 1-Chlorohexane	0.566871	0.45218	1	0.56497	0.49174	0.49796	I I		0.52926		1 13.11151
84 Chlorobenzene ++	1.03383	0.99983	0.955691	1.03027	the same and the same and	0.97406	I I		1.01725		1 4.98514
85 Ethylbenzene +	0.508391	0.49562	0.49098	0.51357	0.51565	0.47600	I I		0.51567		8.466581
86 1,1,1,2-Tetrachloroethane	0.36925	0.35833	0.35310	0.36714	0.356871	0.36558			0.37291		8.10461
	_				 		11		_		-I

# GCAL, Inc.

## INITIAL CALIBRATION DATA

Start Cal Date : 07-JAN-2011 11:14 End Cal Date : 07-JAN-2011 20:23

Quant Method : ISTD Target Version : 3.50 Integrator : HP RT : HP RTE

: /var/chem/msv5.i/2110107p.s.b/8260Bw5.m : 12-Jan-2011 10:50 rjo Method file

Compound	5     Level 1	20   Level 2	50   Level 3	100   Level 4	200   Level 5	10 Level 6	Curve	b	Coefficients ml	m2	%RSD     or R^2
	1   1   1   1   1   Level 7		1   		] 		1 1 1				1 1
87 p,m-Xylene	0.598491 0.664511	0.614881	0.589231	0.65597	0.650941	0.56374	I I		0.61968		6.19191
89 o-Xylene	0.584311	0.603041	0.605111	0.64691	1	0.56084	I I		0.61048		. I 5.176331
90 Styrene	0.97718	1.048431	1.05187	1.15169	1.16530	1.06015	I I		1 1.06888		     6.28230
91 Bromoform ++	0.298011	0.314691	0.309061	0.34065	0.33337	14.3.2.4.2.4.3	I I		0.304661		11.62145
92 1,5 Cyclooctadiene	1 +++++ 1	+++++	*****	+++++	*****	*****	I I		1 0.000e+001		0.000e+001
93 Isopropylbenzene	1.411661	1.50717	1.49183	1.60660	1	1.34958	I I		1 1.50981		6.760391
95 n-Propylbenzene	2.457321 2.723161	2.30461	2.295041	2.40271	2.42438		I I		1 2.40215		6.91021

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# GCAL, Inc.

# INITIAL CALIBRATION DATA

Start Cal Date : 07-JAN-2011 11:14 End Cal Date : 07-JAN-2011 20:23

Quant Method : ISTD Target Version : 3.50
Integrator : HP RTE
Method file : /var/ch

: /var/chem/msv5.i/2110107p.s.b/8260Bw5.m : 12-Jan-2011 10:50 rjo

356  1.0 411    186  0.8 863	08521	1.03701	1.06923	1.05722       0.84873  	0.87670			0.88301		   1 -	0.49305 4.04548
356  1.0 411  	08521	1.03701  	1.06923       0.86506  	1.05722       0.84873  	0.87670					   1 -	0.4930
186  0.8 863    147  1.6 464	39007         54082	0.85006	0.86506	0.84873	1.62028	I I IAVRG I		0.88301		i	
147  1.6 464	1	1.654351	1.72171		1.62028	10000000		1		-	
			1			AVRG		1 1.72098		1	5.4075
821  1.4 943	11905	1.43637	1.50853	1.49614	1.36069	I I		1 1.43406			3.8210
635  1.1 232	159141	1.13366	1.18338	1.16283	1.13242	I I		1 1.17573		1	3.4709
333  0.2 654	1 28062	0.290991		0.28793	0.28417	I I		0.303641		1 1	2.2509
477  0.1		0.11696	0.11078  		0.11891	1 1		0.11253	*******	ı	6.9774
0 8	0333  0.2 8654  	0333  0.29083  8654    	0333  0.29083  0.29099  8654           1477  0.12070  0.11696	0333  0.29083  0.29099  0.28172  8654            	0333  0.29083  0.29099  0.28172  0.28793  8654              	0333  0.29083  0.29099  0.28172  0.28793  0.28417 8654	0333  0.29083  0.29099  0.28172  0.28793  0.28417    8654	0333  0.29083  0.29099  0.28172  0.28793  0.28417	0333  0.29083  0.29099  0.28172  0.28793  0.28417	0333  0.29083  0.29099  0.28172  0.28793  0.28417	0333  0.29083  0.29099  0.28172  0.28793  0.28417

## GCAL, Inc.

# INITIAL CALIBRATION DATA

Start Cal Date : 07-JAN-2011 11:14 End Cal Date : 07-JAN-2011 20:23

Quant Method : ISTD Target Version : 3.50
Integrator : HP RT : HP RTE

: /var/chem/msv5.i/2110107p.s.b/8260Bw5.m : 12-Jan-2011 10:50 rjo Method file

Compound	5     Level 1	20   Level 2	50   Level 3	100   Level 4	200   Level 5	10 Level 6		þ	Coefficients ml	m2	%RSD     or R^2
	1 1 1 1 1 Level 7 1	i	I I		1		1				1 1
114 2-ethyltoluene	1 +++++ 1	+++++	+++++	+++++	+++++	+++++	I I IAVRG I				
103 4-Chlorotoluene	1.56660	1.59562	1.55728	1.62404		5332533	I AVRG I		1 1.599571		3.406211
104 tert-butylbenzene	0.884491	0.86850	0.899261	0.89207	ı		I I		0.893841		
105 Pentachloroethane	0.31894	0.27290	0.28610	0.28454		0.30933	Franco P		1 0.297371		[ 6.00609]
106 1,2,4-Trimethylbenzene	1.488371	1.46102	1.48640	1.53425	1		AVRG		1 1.48996		1 3.836531
107 sec-Butylbenzene	1 1.708421	1.71936	1.72066	1.82504	1.83579	1.64121	* Concession		1 1.781121		         
108 p-Isopropyltoluene	1.299421	1.29877	1.342371	1.38588	1.41100	1.23765			1 1.34426		1 5.244741

# GCAL, Inc.

## INITIAL CALIBRATION DATA

Start Cal Date : 07-JAN-2011 11:14 End Cal Date : 07-JAN-2011 20:23

Quant Method : ISTD Target Version : 3.50
Integrator : HP R : HP RTE

: /var/chem/msv5.i/2110107p.s.b/8260Bw5.m : 12-Jan-2011 10:50 rjo Method file

Compound	5     Level 1	20   Level 2	50 [ Level 3 ]	100   Level 4	200   Level 5	10 Level 6	  Curve	b	Coefficients m1	m2	%RSD     or R^2
	   1     Level 7	   	   	 							
119 1-3 Diethylbenzene	+++++	+++++	*****	+++++	+++++ 1	*****	I I		   0.000e+00		   0.000e+00
118 1-4 Diethylbenzene	+++++     +++++	+++++	+++++	+++++	+++++		I I		1 1 0.000e+001		   0.000e+00
109 Dicylopentadiene	1.936891	1	2.078441	2.18340	100000000000000000000000000000000000000				1 2.093771	*******	1 4.74231
113 3-ethyltoluene	1 +++++ 1	+++++ 1	+++++ 1	+++++	+++++ 1		  AVRG				1 1 0.000e+00
110 1,3-Dichlorobenzene	0.941241	1	0.90138	0.897581	0.90680		I I		1 0.898481		1 2.94678
112 1,4-Dichlorobenzene	1 0.938621	0.94816	0.91764	0.95142	1	0.95817	I I		0.961621		1 5.19472
124 TOTAL XYLENE	0.593761	0.61093	0.594521	0.65295	appearant makes				0.61661		1 5.77047
~~~~~~~~							- 	H 100 00 00 00 00 00 00			-

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 07-JAN-2011 11:14 : 07-JAN-2011 20:23 End Cal Date

Quant Method : ISTD Target Version : 3.50
Integrator : HP RT : HP RTE

: /var/chem/msv5.i/2110107p.s.b/8260Bw5.m : 12-Jan-2011 10:50 rjo Method file

Compound	5 Level 1	20 Level 2	50 Level 3	100 Level 4	200 Level 5	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		b	Coefficients m1	m2	%RSD or R^2
	1 1 Level 7	 		 	 		1 1 1 1				
117 1-2 Diethylbenzene	+++++	+++++	+++++	*****	+++++ +++++	+++++	I I				
115 n-Butylbenzene	1.25687	1.229771	1.27974	1.35498		1.13625	I I		1 1.27487		6.04895)
116 1,2-Dichlorobenzene	0.91239		0.872001	0.87581	0.87732	0.75361	I I		1 0.864051		6.03022
127 Total Diethylbenzene	+++++	+++++	+++++	++++	+++++	+++++	I I		0.000e+00		0.000e+001
120 1,2-Dibromo-3-Chloropropane	0.15451		0.17334	0.17251	1 1	0.15610	I I		0.16295		8.839371
128 2-methylnapthalene	+++++	*****	+++++	++++	+++++	++++	AVRG		0.000e+001		1 0.000e+001
121 Benzal Chloride	1 +++++ 1	+++++	+++++	*****	+++++ 	+++++	I I		1 0.000e+001		
	-										11

Report Date: 19-Jan-2011 15:36

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 07-JAN-2011 11:14 End Cal Date : 07-JAN-2011 20:23

Quant Method : ISTD Target Version : 3.50
Integrator : HP RT : HP RTE

: /var/chem/msv5.i/2110107p.s.b/8260Bw5.m : 12-Jan-2011 10:50 rjo Method file

Cal Date

Compound	5 Level 1	20 Level 2	50 Level 3	100 Level 4	200 Level 5	10 Level 6	 Curve	b	Coefficients ml	m2	%RSD or R^2
	1 Level 7			1	1		1 1				1
122 Hexachlorobutadiene	0.17684	0.17605	0.17054	0.17265	0.17044	0.16373	I I	8	0.17031		3.34753
123 1,2,4-Trichlorobenzene	0.32969		0.383231	0.41611	0.42552	0.35496	I I		0.38742		9.30543
125 Naphthalene	1.11706	1.24367	1.321541	1,43113	1.48753		I I I		1.250931		1 13.53402
126 1,2,3-Trichlorobenzene	0.36033		0.36122	0.38756	The Principle of the Control of the	0.31733	, ,		0.36051		7.11500
39 Dibromofluoromethane	0.28146 0.27590	1	0.28721	0.27971	0.27345		AVRG		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1.66892
48 1,2-Dichloroethane-d4	0.17400 0.17125	1	0.176241	0.17047	1	0.17010	I I		0.17221		1 1.48445
67 Toluene-d8	2.08625	AND MARKET AND A	2.01470	2.00578	NAME OF TAXABLE PARTY.	2.09355			1 2.06512		1 2.63391
											_

Report Date: 19-Jan-2011 15:36 Page 20

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 07-JAN-2011 11:14 End Cal Date : 07-JAN-2011 20:23

Quant Method : ISTD Target Version : 3.50 : HP RTE Integrator

: /var/chem/msv5.i/2110107p.s.b/8260Bw5.m : 12-Jan-2011 10:50 rjo Method file

Cal Date

1	5	1	20	10	50	1	100	1	200	1	10	1	. 1		Coeff	ficients			%RSD
ŧ	Level 1	1	Level 2	2 1	Level	3	Level 4	1	Level 5	1	Level 6	IC	urvel	b		m1	m2	1	or R^2
1-		-1-		-						-1-		1	1					1	
1	1	1		1		1		1		1		1	1					1	
1	Level 7	1		1.		1		1		1		1	.1					1	
-		-1-	NI NI NI NI NI NI NI NI NI			1				= =				*****				[****
1	0.5950	18	0.584	1661	0.59	0161	0.630	361	0.6051	51	0.575	231	1		1	1		1	
1	0.5839	21		- 1		1		1		1		IA	VRG		1 (0.594941		1	3.06681
]-		-1-								-1-		1-				-		1-	
	 - - 	1	1 1 1	Level 1 Level 2	Level 1 Level 2	Level 1 Level 2 Level	Level 1 Level 2 Level 3	Level 1 Level 2 Level 3 Level 4	Level 1 Level 2 Level 3 Level 4	Level 1 Level 2 Level 3 Level 4 Level 5	Level 1 Level 2 Level 3 Level 4 Level 5	Level 1 Level 2 Level 3 Level 4 Level 5 Level 6	Level 1 Level 2 Level 3 Level 4 Level 5 Level 6 C	Level 1 Level 2 Level 3 Level 4 Level 5 Level 6 Curve	Level 1 Level 2 Level 3 Level 4 Level 5 Level 6 Curve b	Level 1 Level 2 Level 3 Level 4 Level 5 Level 6 Curve b	Level 1 Level 2 Level 3 Level 4 Level 5 Level 6 Curve b ml	Level 1 Level 2 Level 3 Level 4 Level 5 Level 6 Curve b ml m2	Level 1 Level 2 Level 3 Level 4 Level 5 Level 6 Curve b ml m2

Report Date: 19-Jan-2011 15:36

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GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 07-JAN-2011 11:14 End Cal Date : 07-JAN-2011 20:23

Quant Method : ISTD Target Version : 3.50 Integrator : HP RTE

Method file : /var/chem/msv5.i/2110107p.s.b/8260Bw5.m

Cal Date : 12-Jan-2011 10:50 rjo

1	Curve	Formula	1	Units	ı
1			1		t
1	Averaged	Amt = Rsp/ml	١	Response	ŧ
ï	Linear	Amt = b + Rsp/ml	1	Response	1
1			r		ı

Data File: /var/chem/msv5.i/2110107.s.b/k9756.d

Report Date: 09-Jan-2011 13:30

GCAL, Inc.

Client SDG: 2110107.s

Client Smp ID: APP9ICV

Fraction: VOA

Operator: JCK SampleType: LCS

Quant Type: ISTD

RECOVERY REPORT

Client Name:

Sample Matrix: LIQUID

Lab Smp Id: 1600

Level: LOW

Data Type: MS DATA

SpikeList File: app9icv.spk

Sublist File: APP9.sub

Method File: /var/chem/msv5.i/2110107.s.b/8260Bw5.m

Misc Info: MSV~20793~*1*JCK

SPIKE	COMPOUND	1	CONC ADDED ug/L	1	CONC RECOVERED ug/L	1	% RECOVERED	 LIMITS
4	1-3 Butadiene	<u> </u> _	50.0	-!-	45.1	1	90.20	160-140
10	Ethyl Ether	1	250	1	317	1	126.74	160-140
16	Allyl chloride	1	50.0	1	55.1	1	110.23	160-140
23	tert-Butyl Alcohol	1	50.0	1	60.1	1	120.12	160-140
24	Acetonitrile	1	200	1	270	1	134.79	160-140
25	Isopropyl Ether	1	50.0	1	47.8	1	95.50	160-140
26	Chloroprene	1	50.0	1	52.2	Ĭ	104.34	160-140
	Ethyl Acetate	1	250	1	254	1	101.69	160-140
	Tetrahydrofuran	1	250	1	237	1	94.97	160-140
	sec-Butanol	1	50.0	1	58.1	1	116.26	160-140
44	2-2-4 trimethyl Pentane	1	50.0	1	52.3	1	104.69	160-140
	Propionitrile	1	250	1	273	1	109.10	160-140
47	Methacrylonitrile	1	50.0	1	55.3	1	110.59	160-140
	Isobutyl Alcohol	1	250	1	255	1	102.03	160-140
	n-Butanol	î	250	1	263	1	105.02	160-140
58	2-3 Dichloro-1-Proprene	Î	50.0	1	61.2	Î	122.50	160-140
	Methyl methacrylate	î	50.0	1	51.3	1	102.54	160-140
63	1,4- Dioxane	Í	1250	1	1330	Ī	106.11	160-140
	2-nitropropane	i i	50.0	Ĺ	62.6	ĺ	125.10	160-140
	Ethyl Methacrylate	1	50.0	1	52.8	1	105.52	160-140
	1-nitropropane	Î	50.0	1	63.6	Ì	127.24	160-140
	1,5 Cyclooctadiene	ì	50.0	Ĺ	0.00	Î	NT *	160-140
	Cyclohexanone	ì	100	1	103	Î		160-140
	Pentachloroethane	ì	50.0	1	51.3	ì	102.51	160-140
109	Dicylopentadiene	1	50.0	1	59.2	1	118.36	160-140
	Benzal Chloride	1	100	1	0.00	1	NT 0.00*	160-140

Data File: /var/chem/msv5.i/2110107p.s.b/k9766.d

Report Date: 09-Jan-2011 13:41

GCAL, Inc.

RECOVERY REPORT

Client SDG: 2110107p.s

Client Smp ID: 8260ICV

Fraction: VOA

Operator: JCK

SampleType: LCS

Quant Type: ISTD

Client Name:

Sample Matrix: LIQUID

Lab Smp Id: 1600

Level: LOW

Data Type: MS DATA
SpikeList File: ICV.spk

Sublist File: 8260b.sub

Method File: /var/chem/msv5.i/2110107p.s.b/8260Bw5.m

Misc Info: MSV~20794~*1*JCK

SPIKE	COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	RECOVERED	 LIMITS
1	Dichlorodifluoromethane	50.0	1 66.1	1 132.12	160-140
2	Chloromethane ++	50.0	54.8	1 109.54	170-130
3	Vinyl Chloride +	1 50.0	51.3	1 102.64	170-130
5	Bromomethane	50.0	55.9	111.79	160-140
8	Chloroethane	1 50.0	1 54.0	1 108.00	170-130
9	Trichlorofluoromethane	1 50.0	52.0	1 103.95	170-130
11	1,1-Dichloroethene +	1 50.0	1 47.7	95.34	170-130
12	Carbon Disulfide	50.0	51.8	1 103.63	170-130
13	1,1,2Trichlotrifluoroethane	50.0	51.2	1 102.39	170-130
14	Methyl Iodide	50.0	38.4	76.85	170-130
15	Acrolein	250	205	82.18	160-140
17	Methylene Chloride	1 50.0	47.8	95.67	170-130
18	Acetone	50.0	51.8	1 103.65	160-140
19	trans-1,2-Dichloroethene	50.0	48.6	97.23	170-130
22	MTBE	50.0	48.5		170-130
27	1,1-Dichloroethane ++	50.0	50.7	1 101.37	170-130
29	Acrylonitrile	250	239	95.58	160-140
30	Vinyl Acetate	1 50.0	35.4	70.78	170-130
31	cis-1,2-Dichloroethene	50.0	49.0	97.94	170-130
32	2,2-Dichloropropane	50.0	47.0	94.02	170-130
34	Cyclohexane	50.0	47.5	95.00	170-130
33	Bromochloromethane	50.0	49.8	99.57	170-130
35	Chloroform +	50.0	50.1	1 100.27	170-130
36	Carbon Tetrachloride	50.0	50.4	100.73	170-130
40	1,1,1-Trichloroethane	50.0	47.6	95.26	170-130
43	1,1-Dichloropropene	50.0	48.8	97.70	170-130
42	2-Butanone	50.0	50.0	100.08	160-140
45	Benzene	50.0	47.8	95.51	170-130
49	1,2-Dichloroethane	50.0	47.3	94.58	170-130
53	Methyl Cyclohexane	50.0	49.7	99.32	170-130
54	Trichloroethene	1 50.0	49.2	98.43	170-130
57	Dibromomethane	50.0	47.8	95.57	170-130
59	1,2-Dichloropropane +	50.0	52.1	104.16	170-130

Data File: /var/chem/msv5.i/2110107p.s.b/k9766.d Report Date: 09-Jan-2011 13:41

- 490 -	P	ag	e	2
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SPIKE	COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	 LIMITS
60	Bromodichloromethane	50.0	50.4	100.85	170-130
65	2-Chloroethyl vinyl ether	50.0			160-140
	cis-1,3-Dichloropropene	50.0	50.7	101.45	170-130
	Toluene +	50.0	52.0	103.94	170-130
72	Tetrachloroethene	50.0 1	52.4	104.70	170-130
71	4-methy1-2-pentanone	50.0	51.3	102.58	160-140
73	trans-1,3-Dichloropropene	50.0	54.7	109.34	170-13
	1,1,2-Trichloroethane	50.0	56.3	112.59	170-13
	Dibromochloromethane	50.0 1		106.02	170-13
	1,3-Dichloropropane	50.0	56.0 1	111.99	170-13
	1,2-Dibromoethane (EDB)	50.0 1		107.22	170-13
	2-Hexanone	50.0			
84	Chlorobenzene ++	50.0 1			WARREN DINES
85	Ethylbenzene +	50.0			The state of the same
	1,1,1,2-Tetrachloroethane	50.0			170-13
	p,m-Xylene	1 100 1			2
	o-Xylene	50.0			
	Styrene	50.0	58.0		
	Bromoform ++	50.0			
2000	Isopropylbenzene	50.0			
	Bromobenzene	50.0			
95	n-Propylbenzene	50.0	52.5	105.05	
	1,1,2,2-Tetrachloroethane++	1 50.0 1			170-13
	2-Chlorotoluene	50.0 1			
1200	1,3,5-Trimethylbenzene	50.0	53.7	107.34	
	1,2,3-Trichloropropane	50.0			
	trans-1,4-Dichloro-2-Butene	50.0			
	4-Chlorotoluene	50.0		104.12	
	tert-butylbenzene	50.0		104.11	The same of the same of
	1,2,4-Trimethylbenzene	50.0 1		107.33	A
	sec-Butylbenzene	50.0		103.88	
	p-Isopropyltoluene	50.0		109.99	*
	1,3-Dichlorobenzene	50.0	52.0		
	1,4-Dichlorobenzene	50.0	51.7		
	n-Butylbenzene	50.0	52.9	105.85	
	1,2-Dichlorobenzene	50.0	51.4	102.73	The second
	1,2-Dibromo-3-Chloropropane	50.0	56.4	112.81	
	Hexachlorobutadiene	50.0 1		103.21	
	1,2,4-Trichlorobenzene	50.0	55.2	110.35	******
	Naphthalene	50.0	55.5	111.00	
	1,2,3-Trichlorobenzene	50.0	55.4	110.73	
120	1,2,5 IIIOMIODEMZEME	30.0	33.4	110.73	10-13

SURROGATE COMPOUND	1	CONC ADDED ug/L	1 1 1	CONC RECOVERED ug/L	1	% RECOVERED	 LIMITS
\$ 39 Dibromofluoromethane		50.0	_ 	47.4	-l- 	94.72	-

Data File: /var/chem/msv5.i/2110118p.s.b/k9905.d

Report Date: 18-Jan-2011 15:49

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: msv5.i Injection Date: 18-JAN-2011 13:19

Init. Cal. Date(s): 07-JAN-2011 07-JAN-2011 Init. Cal. Times: 11:14 20:23

Quant Type: ISTD Lab File ID: k9905.d

Analysis Type: WATER Lab Sample ID: 1400 Method: /var/chem/msv5.i/2110118p.s.b/8260Bw5.m

COMPOUND	I	/ AMOUNT!	RF50		MIN RRF		MAX / %DRIFT	CURVE TYPE
1 Dichlorodifluoromethane	1	0.18402	0.208221	0.20822	0.010	13.152461	40.00000	Averaged
2 Chloromethane ++	1	0.16561	0.176231	0.17623	10.100	6.41501	30.00000	Averaged
3 Vinyl Chloride +	1	0.18701	0.19986	0.19986	0.010	6.872241	20.00000	Averaged
5 Bromomethane	j.	0.090221	0.09120	0.09120	0.010	1.07661	40.00000	Averaged
8 Chloroethane	1	56.510341	50.000001	0.10435	0.010	13.020691	30.00000	Linear
9 Trichlorofluoromethane	1	0.23852	0.260241	0.26024	0.010	9.106971	30.00000	Averaged
11 1,1-Dichloroethene +	1	0.12971	0.13867	0.13867	0.010	6.90811	20.00000	Averaged
12 Carbon Disulfide	1	56.92631	50.00000	0.49891	0.010	13.852631	30.00000	Linear
13 1,1,2Trichlotrifluoroethane	1	0.13878	0.15490	0.15490	0.010	11.614561	30.00000	Averaged
14 Methyl Iodide	1	43.53534	50.000001	0.11601	0.010	-12.929311	30.00000	Linear
15 Acrolein	î	0.020031	0.01860	0.01860	0.010	-7.102931	40.00000	Averaged
17 Methylene Chloride	1	0.201641	0.20761	0.20761	0.010	2.962831	30.00000	Averaged
18 Acetone	1	0.119541	0.12318	0.12318	0.010	3.039211	40.00000	Averaged
19 trans-1,2-Dichloroethene	1	0.21225	0.224771	0.22477	0.010	5.897221	30.00000	Averaged
20 Methyl Acetate	1	0.20687	0.230411	0.23041	0.010	11.376771	30.00000	Averaged
21 Hexane	1	0.147191	0.174171	0.17417	0.010	18.324791	30.00000	Averaged
22 MTBE	1	0.457771	0.487671	0.48767	0.010	6.531501	30.00000	Averaged
27 1,1-Dichloroethane ++	1	0.302721	0.33132	0.33132	0.100	9.450571	30.000001	Averaged
29 Acrylonitrile	1	0.093301	0.095401	0.09540	0.010	2.255841	40.000001	Averaged
30 Vinyl Acetate	ì	0.375851	0.276191	0.27619	0.010	-26.515881	30.000001	Averaged
M 61 Total 1,2-Dichloroethene	1	0.22881	0.244681	0.24468	0.010	6.937481	30.00000	Averaged
31 cis-1,2-Dichloroethene	1	0.24537	0.264601	0.26460	0.010	7.837341	30.000001	Averaged
32 2,2-Dichloropropane	1	0.274681	0.292961	0.29296	0.010	6.653651	30.000001	Averaged
34 Cyclohexane	1	0.260081	0.285531	0.28553	0.010	9.784061	30.000001	Averaged
33 Bromochloromethane	ĵ.	0.088361	0.095821	0.09582	0.010	8.43511	30.00000)	Averaged
35 Chloroform +	Î.	0.320691	0.343041	0.34304	0.010	6.971171	20.000001	Averaged
36 Carbon Tetrachloride	Ĭ.	0.21459	0.242991	0.24299	0.010	13.23503	30.000001	Averaged
\$ 39 Dibromofluoromethane	1	0.28030	0.277781	0.277781	0.050	-0.899531	30.000001	Averaged
40 1,1,1-Trichloroethane	1	0.272661	0.285631	0.285631	0.010	4.756541	30.000001	Averaged
42 2-Butanone	17	0.19467	0.218331	0.21833	0.010	12.14994	40.000001	Averaged
43 1,1-Dichloropropene	E	0.252891	0.26811	0.26811	0.010	6.017861	30.000001	Averaged
45 Benzene	E	0.71305	0.729091	0.729091	0.010	2.248701	30.000001	Averaged
\$ 48 1,2-Dichloroethane-d4	Ĭ.	0.17221	0.173771	0.17377	0.050	0.905241	30.000001	Averaged
49 1,2-Dichloroethane	i.	0.27657	0.294271	0.29427	0.010	6.396781	30.000001	Averaged
53 Methyl Cyclohexane	1	0.21810	0.253921	0.25392	0.010	16.421661	30.000001	Averaged
		i i		1		T.		1

Data File: /var/chem/msv5.i/2110118p.s.b/k9905.d

Report Date: 18-Jan-2011 15:49

GCAL, Inc.

Page 2

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: msv5.i

Injection Date: 18-JAN-2011 13:19
Init. Cal. Date(s): 07-JAN-2011 07-JAN-2011
Init. Cal. Times: 11:14 20:23 Lab File ID: k9905.d Analysis Type: WATER

Lab Sample ID: 1400 Quant Type: ISTD Method: /var/chem/msv5.i/2110118p.s.b/8260Bw5.m

I	1	i	3	CCAL	MIN	1	MAX	1
COMPOUND	RRF	/ AMOUNT!	RF50	RRF50	RRF	%D / %DRIFT %D	/ %DRIFT	CURVE TYPE
					= =====			
154 Trichloroethene	1	0.16841	0.174191	0.1741	910.0101	3.427791	30.00000	Averaged
57 Dibromomethane	1	0.13667	0.147091	0.1470	9 0.010	7.62451	30.00000	Averaged
59 1,2-Dichloropropane +	1	0.18521	0.201441	0.2014	410.010	8.76401	20.00000	Averaged
60 Bromodichloromethane	1	0.259271	0.28095	0.2809	5 0.010	8.360571	30.00000	Averaged
64 1-Bromo-2-chloroethane	1	0.29415	0.317561	0.3175	6 0.010	7.959821	30.00000	Averaged
65 2-Chloroethyl vinyl ether	1	0.16621	0.16401	0.1640	110.0101	-1.319661	40.00000	Averaged
66 cis-1,3-Dichloropropene	1	0.322701	0.362681	0.3626	810.0101	12.391041	30.00000	Averaged
\$ 67 Toluene-d8	1	2.06512	1.983921	1,9839	210.0501	-3.93190	30.00000	Averaged
69 Toluene +	1.	1.634991	1.62143	1.6214	3 0.010	-0.829681	20.00000	Averaged
M 6 1-3 Dichloropropene-Total	1	0.32194	0.36748	0.3674	8 0.010	14.14641	30.00000	Averaged
71 4-methyl-2-pentanone	1	0.348031	0.392331	0.3923	3 0.010	12.730531	40.00000	Averaged
72 Tetrachloroethene	1	0.260001	0.271071	0.2710	710.0101	4.259301	30.00000	Averaged
173 trans-1,3-Dichloropropene	1	0.69106	0.760261	0.7602	6 0.010	10.01331	30.00000	Averaged
75 1,1,2-Trichloroethane	1	0.382941	0.398231	0.3982	3 0.010	3.993041	30.00000	Averaged
176 Dibromochloromethane	1	0.43241	0.45830	0.4583	0 0.010	5.986161	30.00000	Averaged
77 1,3-Dichloropropane	1	0.774061	0.791271	0.7912	710.0101	2.223801	30.00000	Averaged
79 1,2-Dibromoethane(EDB)	1	0.41417	0.44392	0.4439	210.0101	7.183671	30.00000	Averaged
80 2-Hexanone	1	0.55171	0.606581	0.6065	810.0101	9.945751	40.00000	Averaged
82 1-Chlorohexane	1	0.529261	0.51950	0.5195	010.0101	-1.84371	30.00000	Averaged
184 Chlorobenzene ++	1	1.01725	1.01882	1.0188	210.3001	0.15448	30.00000	Averaged
85 Ethylbenzene +	1	0.51567	0.51038	0.5103	8 0.010	-1.02494	20.00000	Averaged
86 1,1,1,2-Tetrachloroethane	1	0.37291	0.363671	0.3636	710.0101	-2.477261	30.00000	Averaged
87 p,m-Xylene	1	0.61968	0.632781	0.6327	810.0101	2.114361	30.00000	Averaged
189 o-Xylene	1	0.610481	0.634901	0.6349	010.0101	4.000081	30.00000	Averaged
190 Styrene	ï	1.06888	1.13117	1.1311	710.0101	5.827321	30.00000	Averaged
91 Bromoform ++	1	0.304661	0.33495	0.3349	5 0.100	9.940881	30.00000	Averaged
193 Isopropylbenzene	1	1.50981	1.642561	1.6425	6 0.010	8.79275	30.00000	Averaged
\$ 94 Bromofluorobenzene	1	0.594941	0.610861	0.6108	610.0501	2.677341	30.00000	Averaged
195 n-Propylbenzene	3	2.402151	2.50218	2.5021	810.0101	4.164141	30.00000	Averaged
96 Bromobenzene	1	1.12498	1.08584	1.0858	410.0101	-3.47841	30,00000	Averaged
97 1,1,2,2-Tetrachloroethane++	1	0.88301	0.897321	0.8973	210.3001	1.61962	30.00000	Averaged
198 2-Chlorotoluene	î	1.72098	1.75824	1.7582	4 0.010	2.16507	30.00000	Averaged
199 1,3,5-Trimethylbenzene	1	1.434061	1.55105	1.5510	510.0101	8.15797	30.00000	Averaged
100 1,2,3-Trichloropropane	1	1.175731	1.21317	1.2131	710.0001	3.18450	30.00000	Averaged
101 trans-1,4-Dichloro-2-Butene	1	0.303641	0.31280	0.3128	0 0.010	3.016321	40.00000	Averaged
	1		1		1 1	1		

Data File: /var/chem/msv5.i/2110118p.s.b/k9905.d

Report Date: 18-Jan-2011 15:49

GCAL, Inc.

Page 3

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: msv5.i Injection Date: 18-JAN-2011 13:19

Lab File ID: k9905.d Init. Cal. Date(s): 07-JAN-2011 07-JAN-2011

Analysis Type: WATER Init. Cal. Times: 11:14 20:23

Lab Sample ID: 1400 Quant Type: ISTD Method: /var/chem/msv5.i/2110118p.s.b/8260Bw5.m

1	1	1		1	CCAL	M	IN I	- 1	MAX	1	E
COMPOUND	RRF	/ AMOUNT!	RF50	1	RRF50	R	RF I	tD / tDRIFT	%D / %DF	RIFT	CURVE TYPE
			****	= =	***	1==	w== -		H H H H H H H H		
103 4-Chlorotoluene	1	1.59957	1.6700	21	1.67002	10.	010	4.404471	30.00	0000	Averaged
104 tert-butylbenzene	1	0.893841	0.9409	01	0.94090	10.	010	5.264131	30.00	1000	Averaged
106 1,2,4-Trimethylbenzene	T	1.48996	1.5773	91	1.57739	10.	0101	5.86814	30.00	0000	Averaged
107 sec-Butylbenzene	1	1.78112	1.9469	51	1.94695	10.	010	9.31075	30.00	1000	Averaged
108 p-Isopropyltoluene	1	1.34426	1.4857	81	1.48578	10.	010	10.52733	30.00	0000	Averaged
110 1,3-Dichlorobenzene	1	0.89848	0.9235	31	0.92353	10.	010	2.78831	30.00	0000	Averaged
112 1,4-Dichlorobenzene	1	0.96162	0.9718	8	0.97188	10.	010	1.06693	30.00	0000	Averaged
M 124 TOTAL XYLENE	1	0.61661	0.6334	91	0.63349	10.	010	2.73669	30.00	1000	Averaged
115 n-Butylbenzene	1	1.27487	1.4666	71	1.46667	10.	0101	15.04387	30.00	1000	Averaged
116 1,2-Dichlorobenzene	1	0.86405	0.9018	1	0.90181	10.	010	4.370301	30.00	1000	Averaged
120 1,2-Dibromo-3-Chloropropane	1	0.16295	0.1781	11	0.17811	10.	0101	9.302841	40.00	000	Averaged
122 Hexachlorobutadiene	1	0.17031	0.1966	91	0.19669	10.	010	15.49055	30.00	1000	Averaged
1123 1,2,4-Trichlorobenzene	1	0.387421	0.4345	41	0.43454	10.	010	12.16434	30.00	0001	Averaged
125 Naphthalene	1	1.25093	1.4495	81	1.44958	10.	0101	15.87974	30.00	1000	Averaged
126 1,2,3-Trichlorobenzene	1	0.36051	0.4219	31	0.42193	10.	0101	17.035891	30.00	0001	Averaged
1	1	-1		1		1:	.1	1		- 1	

Data File: /var/chem/msv5.i/2110118p.s.b/k9907.d

Report Date: 19-Jan-2011 13:57

GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: msv5.i Injection Date: 18-JAN-2011 14:09

Lab File ID: k9907.d Init. Cal. Date(s): 07-JAN-2011 07-JAN-2011

Analysis Type: WATER Init. Cal. Times: 11:14 20:23

Lab Sample ID: 1400 Quant Type: ISTD Method: /var/chem/msv5.i/2110118p.s.b/8260Bw5.m

	1	1	1	CCAL MIN	1.	MAX 1	- 1
COMPOUND	RRF	/ AMOUNT	RF50	RRF50 RRF 1	D / %DRIFT[%D	/ %DRIFT	CURVE TYPE!

4 1-3 Butadiene	1	0.16952	0.19571	0.19571 0.010	15.447741	40.000001	Averaged
10 Ethyl Ether	1	0.103741	0.13897	0.13897 0.010	33.95814	40.000001	Averaged
16 Allyl chloride	1	0.145111	0.17182	0.17182 0.010	18,41230	40.000001	Averaged
23 tert-Butyl Alcohol	1	0.02551	0.030731	0.03073 0.010	20.48330	40.000001	Averaged
24 Acetonitrile	1	0.034661	0.040991	0.04099 0.010	18.272301	40.000001	Averaged
25 Isopropyl Ether	1	0.59830	0.575591	0.57559 0.050	-3.794891	40.000001	Averaged
26 Chloroprene	1	0.224341	0.249421	0.24942 0.010	11.17874	40.000001	Averaged!
37 Ethyl Acetate	1	0.31050	0.37163	0.37163 0.010	19.68781	40.000001	Averaged!
38 Tetrahydrofuran	Î	0.11417	0.132141	0.13214 0.010	15.734141	40.000001	Averaged
41 sec-Butanol	1	0.029991	0.037121	0.03712 0.010	23.772881	40.000001	Averaged
44 2-2-4 trimethyl Pentane	1	66.95624	50.000001	0.50782 0.010	33.912471	40.000001	Linear
46 Propionitrile	1	0.045161	0.05751	0.05751 0.010	27.356231	40.000001	Averaged
47 Methacrylonitrile	1	0.208221	0.227831	0.22783 0.010	9.41716	40.000001	Averaged
50 Isobutyl Alcohol	1	0.016061	0.01615	0.01615 0.010	0.558881	40.000001	Averaged
56 n-Butanol	ì	0.011161	0.013061	0.01306 0.010	17.068021	40.000001	Averaged!
58 2-3 Dichloro-1-Proprene	1	0.29171	0.30719	0.30719 0.010	5.308641	40.000001	Averaged!
62 Methyl methacrylate	1.	0.18792	0.20185	0.20185 0.010	7.411431	40.000001	Averaged
63 1,4- Dioxane	1	0.00273	0.003351	0.00335 0.001	22.65092	40.000001	Averaged
70 2-nitropropane	10	0.084761	0.107761	0.10776 0.010	27.13617	40.000001	Averaged!
74 Ethyl Methacrylate	E	0.53023	0.51894	0.51894 0.010	-2.12759	40.000001	Averaged
78 1-nitropropane	Î	0.05695	0.070441	0.07044 0.010	23.690831	40.000001	Averaged
102 Cyclohexanone	Ï	0.11253	0.12336	0.12336 0.010	9.620241	40.000001	Averaged!
105 Pentachloroethane	1	0.297371	0.288301	0.28830 0.010	-3.051921	40.000001	Averaged
109 Dicylopentadiene	E.	2,093771	2.41885	2.41885 0.010	15.526271	40.000001	Averaged
121 Benzal Chloride	1	++++ [0.16400	0.16400 0.010	++++1	40.000001	Averaged <† \
	T.	3	310	1 1	1.	1	

8A VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name:	GCAL					Contract:		
Lab Code:	LA024	Case	No	:		SAS No.:	SDG No.:	211011405
Lab File ID ((Standard):	2110116/a8	959			Date Analyzed: 01/16/11		
Instrument I	D: MSV11					Time: 0859		
GC Column	RTX-VMS-	30	ID:	.25	(mm)	Heated Purge: (Y/N) N		
Analytical B	atch: 44	9012						

	IS 1		IS	2		IS 3			
	Area	RT	Are	Area		Area		RT	
STANDARD	102426	8.6	962	52	11.82	26743	5	5.28	
EPA Sample	#		#	#	#	1	#		#
LCS913049	104129	8.6	99408	3 1	11.82	264793	П	5.28	Γ
LCSD913050	105635	8.6	99611		11.82	269364	П	5.28	Γ
MB913048	98814	8.59	85561		11.82	261369	П	5.28	Γ
EQUIPMENT BLANK	94718	8.6	80672	2	11.82	258968	П	5.28	Γ
TRIP BLANK 1	96155	8.6	81442	2	11.82	259547	П	5.28	Γ
TRIP BLANK 2	95452	8.6	79675		11.82	256335	П	5.28	Г

IS 1 ID : Chlorobenzene-d5
IS 2 ID : 1,4-Dichlorobenzene-d4

IS 3 ID : Fluorobenzene

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RTLOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk

^{*} Value outside of QC limits

8A VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: GO	CAL		Contract:	
Lab Code: LA	Code: LA024 Case No.:		SAS No.:	SDG No.: 211011405
Lab File ID (Sta	andard):	2110116/a8960s	Date Analyzed: 01/16/11	Time: 0923
Instrument ID:	MSV11		GC Column: RTX-VMS-30M	ID: .25 (mm)
Analytical Batch	h: 44901	3	Heated Burge: (Y/N) Y	

	IS1		IS2		IS3		
	Area	RT	Area	RT	Area	RT	•
STANDARD	264793	5.28	104129	8.60	99408	11.8	2
EPA Sample No.	#		#	#	#	#	#
LCS913052	264793	5.28	104129	8.60	99408	11.82	T
LCSD913053	269364	5.28	105635	8.60	99611	11.82	
MB913051	233158	5.28	89050	8.59	88124	11.82	
T-15-F	243009	5.28	92304	8.60	91030	11.82	T
T-15-F MS	261850	5.28	103314	8.60	97972	11.82	T
T-15-F MSD	266506	5.28	105177	8.60	102063	11.82	
T-21-F	229819	5.28	89091	8.60	89516	11.82	
NC-0-0.3	236281	5.28	92486	8.60	94286	11.82	
T-6-NORTH	243988	5.28	95200	8.60	99118	11.82	
SC-W	247517	5.28	97285	8.60	98863	11.82	
SC-E	255725	5.28	98817	8.60	99437	11.82	
T-6-FLOOR	272865	5.28	103268	8.60	94113	11.82	
T-6-EAST	268644	5.28	101510	8.60	90410	11.82	T
T-6-SOUTH	266446	5.28	100967	8.60	86231	11.82	
BLIND DUP	262564	5.28	100173	8.60	87929	11.82	T

IS 1 ID: Fluorobenzene IS 2 ID: Chlorobenzene d5 IS 3 ID: 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50 % of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard values with an asterisk. * Values outside of QC limits.

8A VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name:	GCAL				Contract:	- directed in the	
Lab Code:	LA024	Case No	:		SAS No.:	SDG No.:	211011405
Lab File ID ((Standard):	2110118p/k9905	5		Date Analyzed: 01/18/11		
Instrument I	D: MSV5				Time: 1319		
GC Column	RTX-VMS-	30 ID:	.25	(mm)	Heated Purge: (Y/N) N		
Analytical B	atch: 44	9157					

	IS 1		IS 2		IS 3	
	Area	RT	Area	RT	Area	RT
STANDARD	448195	9.85	363706	11.93	915279	7.07
EPA Sample	#	#	#	#	#	#
LCS913706	448195	9.85	363706	11.93	915279	7.07
LCSD913707	439975	9.85	376202	11.93	907873	7.07
MB913705	425374	9.86	320520	11.93	863672	7.07
T-2-WEST	432364	9.84	327568	11.92	882603	7.06

IS 1 ID : Chlorobenzene-d5
IS 2 ID : 1,4-Dichlorobenzene-d4

IS 3 ID: Fluorobenzene

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RTLOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk

^{*} Value outside of QC limits



VOLATILE SOLIDS PREPARATION

SAMPLE	SAMPLE	SODIUM BI		AMOUNT OF	AMOUNT		SURROGATE/	DATE/		
NUMBER	WEIGHT (g)	WEIGHT (g)	LOT#	WATER (ml)	METHANOL (ml)	LOT#	SPIKE	TIME	ANALYST	COMMENTS
9-ALO WALL	35.36	NIA	NIA	NIA	NIA	N/A	NA	10:34	EDS	Terra core
	53.07	NIA	NIA	NIA	N/A	NIA	NIR	10:34	203	HETTE COTE
TOTIS HOT B	35.83	1						1.13.11		
	47.63							10:34		
XITOTIS 1107 C	33.55							1.13.11		
	49.38							10:36		
א כטוו כווטיה	35.58							1.13.11		
	47.85							10:36		
- HOS-13	35.52	4	_					1.13.11		
	33.52	1 1	1			1 1		10:36		1
They C	45.40							10:39		
	45.40 35.76	. [1					1.13.11		
	45.95							10:39		
ATIVITY TOUR B	35.94							1-13-11		
	45.28							10:39		
anort 5 mag	33.38							1.13.11		
	44.52							10:41		
לי יון כווטווג	35.57 44.40		_					1.13.11	-	
	35.27	1 1	- (10:41	1 1	
MINITED TO THE				-				10:41		
HOTS HOTE	42.40 33.17	V	V	V	4	1	1 1	1 13.11		\bigvee
PHONE WAS	5,17	NIA	NIA	500	N/A.	NIA	NIA	11:15	CLH	la,
		1	///		1	1	1	11:16	1	July 1
רטון דיוטון	5,63		1,				4	1//3/11		
11115	5,58	1	1	\bigvee	V	V	V	11:17	4	J.
21101140501A	40.54	NA	ma	NA	NA	NA	MA	12:30	RJU	Terawe
2110114050/B	41.54				30	1	- 1	1/14/11	1	1
211011405016	34.6076	18						12:32		
211011405024	41.57 35.53			X				12:33		
21101140000	40.84 35.54							12:44		
211011H0508C	33:50 4	al		1	1	1		12:35	1	上

VOLATILE SOLIDS PREPARATION

SAMPLE	SAMPLE	SODIUM BI	SULFATE	AMOUNT OF	AMOUN	TOF	SURROGATE/	DATE/		
NUMBER	WEIGHT (g)	WEIGHT (g)	LOT#	WATER (ml)	METHANOL (ml)	LOT#	SPIKE	TIME	ANALYST	COMMENTS
Q1101140503 A	40.56 35.84	Mg	wa	and	and	M	NA	12136	Psy	Terrore
2110114 0503 B	42.05							1/14/11		
211011405030	1255/	0.03		,				1/14/11		
21101140504 A	36.05							12:34		
21101140504 B	35.58							12:40		
21101140504 C	11.10-1	i.81.				y		WIN	4	1
2110114 0505 4	40.74 35.38							12142		
2110114050513	35.60							18143		
211011405050		,71						18:44		
211014056A	35.36							12:45		
211014050613	41.66 3552					- 2		VIVI	-	
211011405060	35.29		レ	1	<u> </u>	1	1	12:47	سلف	_
21101140507A 21101140507B	35.31 35.31	are	MA	NA	and	NA	NA	12:10	15u	Terracore
21101140507 B	36.44					1		V14/11		(40%) A
21101140507	32.79 /	4,77						12:50	7:	
21101140508 1	34.93							12:51		
2110114050813	35.66							V14/11		
R1101140586	33.27	5.10						12:51 1/14/11 2:50 1/14/11 12:53 1/14/11		
21101140509A	35.89							12.59		
211011405093	3587			=		-		12:55		
21/01/40509 C	38.42	5.13	~	2	2	9	1	13:56	1	4

VOLATILE SOLIDS PREPARATION

SAMPLE	SAMPLE	SODIUM BIS	SULFATE	AMOUNT OF	AMOUNT	OF	SURROGATE/	DATE/		
NUMBER	WEIGHT (g)	WEIGHT (g)	LOT#	WATER (ml)	METHANOL (ml)	LOT#	SPIKE	TIME	ANALYST	COMMENTS
A1101140510 A	42.07 35.80 41.72	NIL	NA	NA	4/4	N/A	N/A	14:14	EDS	Tenacore
11101140515 8	35.77							14:14		
1101140510 C	13363/	5.87						14:14	4:	
1101140511 A	39.72 35.19							14:18 1:14:11		
101140511 8	40.41 35.35							14:18		
101140511 C	39.27	ıl .						14:18		
101140S12 A	41.47							14:21		
01140512 R	42.47 35.67			- 1				14:21		
101140512 C	39.44 35.85							14:21		
01140513 A	40.72 35.77	*						14:23		
01140513 B	40.77 35.53							14:23		
101140513 C	38.22 4.93			V	V	V	V	14:23	1	1
OTHIOLIA	35.83 35.56	NIX	N/A	NIA	NIA -	NA	N/A	14:44	EDS	Therracone
pold el erocoxo	43:03	1	j	1	1	1	1	14:44	1	1
ON THOUSE	39.48	-						14:44		
O111 1002 7	32.40 42.82 35.32							1446		
01191002	42.41 356.7							14:46		
	40.41							1446		•
	44:52 35.51							14:49		
- CAA2-7	42.28		+					1:14:11		
	39.63 33.20	1			1/	1	1	14:49	7	—

Date: 14-JAN-2011	Standard		Conc ppm	
Instrument: msvll.i	BFB IS/SS	50	6-99-2	05/21/11
Analyst(s): RJO	8260 IS/SS	50	6-99-2	05/21/11
-	APP9-2	50	6-100-9	07/07/11
	APP9-1	50	6-97-3	05/16/11
	THF	50	6-97-9	05/19/11
	APP9-2 ICV	50	6-96-8	05/05/11
	APP9-1 ICV	50	6-98-3	02/14/11
	THF ICV	50	6-93-11	04/06/11

Sample ID	Comments	DataFile	1 W	gt/Vol	1	Injection Tir	me	1 0	il	1	Anal	1	ALS
	T.	1	1		ľ			1		1		I	
*******	OF 1007 THE THE THE THE THE SHE SHE SHE SHE SHE SHE SHE SHE SHE S			N 25 33 38 40 00 00 00 00 00 00 0		*****		-		100	AND THE REAL PROPERTY.	***	
1000	I RR	a8910.d	.1	0.00 ml	1	14-JAN-2011 (08:52	1	1.000	1	RJO	1	2
1000	1 RR	a8911.d	1	0.00 ml	1	14-JAN-2011 (09:24	1	1.000	1	RJU	1	2
1000	I.	a8912BFB.d	1	0.00 ml	1	14-JAN-2011 (09:48	1	1.000	1	RJU	1	2
1000	Ĭ.	a8912BFBS.d	1	0.00 ml	1	14-JAN-2011 (09:48	1	1.000	1	RJU	1	2
1400	T.	a8913.d	1	5.00 ml	1	14-JAN-2011	10:25	1	1.000	1	RJU	1	21
1208	E	a8914.d	1	5.00 ml	ľ	14-JAN-2011	11:09	1	1.000	1	RJU	1	22
1201	-1:	a8915.d	1	5.00 ml	1	14-JAN-2011	11:41	1	1.000	1	RJU	1	23
1206	t .	a8916.d	1	5.00 ml	İ	14-JAN-2011	12:09	1	1.000	1	RJU	1	24
1202	1	a8917.d	1	5.00 ml	1	14-JAN-2011	12:41	1	1.000	1	RJU	1	25
1400	Î.	a8918CCV.d	1	5.00 ml	1	14-JAN-2011	13:15	1	1.000	1	RJU	1	26
1203	Î.	a8918.d	1	5.00 ml	1	14-JAN-2011	13:15	1	1.000	1	RJU	1	26
1204	f.	a8919.d	1	5.00 ml	1	14-JAN-2011	13:48	1	1.000	1	RJU	1	27
1205	J.	a8920.d	1	5.00 ml	1	14-JAN-2011	14:28	1	1.000	1	RJU	1	28
BLANK	.E	a8921.d	1	5.00 ml	1	14-JAN-2011	14:55	1	1.000	L	RJU	1	29
1600	T.	a8922.d	1	5.00 ml	1	14-JAN-2011	15:30	1	1.000	1	RJU	1	30
912979	1	a8923.d	1	5.00 g	1	14-JAN-2011	16:08	1	50.000	1	RJU	1	31
912980	1	a8924.d	1	5.00 g	1	14-JAN-2011	16:41	1	50.000	1	RJU	1	32
SMB	T	a8925.d	t	5.00 ml	1	14-JAN-2011	17:14	1	50.000	1	RJU	1	33
912978	1	a8926.d	1	5.00 g	1	14-JAN-2011	17:38	1	50.000	1	RJU	1	34
21101103001	1	a8927.d	ī	5.05 g	1	14-JAN-2011 1	18:14	1	50.000	1	RJU	1	35

TUNE = 21:48

Date: 15-JAN-2011	Standard	Conc ppm	ID	EXP
Instrument: msv11.i	BFB IS/SS	50	6-99-2	05/21/11
Analyst(s): RJU	8260 IS/SS	50	6-99-2	05/21/11
	8260	50	6-100-11	01/28/11
	AC/AC/VA	250/50	6-100-10	03/10/11
	CVE	50	6-100-3	06/29/11
	Heptane	250	6-98-2	05/28/11
	8260 ICV	50	6-99-4	06/22/11
	AC/AC/VA ICV	250/50	6-98-12	01/17/11
	CVE ICV	50	6-89-11	02/11/11
	Heptane ICV	250	6-93-10	04/06/11

Sample ID	Comments	DataFile	1 W	lgt/Vol	Injection Time	1.3	Dil	Anal	1	ALS
	1	1	1		l .	1		1	1	
1000		a8930BFB.d	1	0.00 ml	15-JAN-2011 08:1	5 1	1.000	RJU	1	2
1000	Ĺ	a8930BFBD.d	1	0.00 ml	15-JAN-2011 08:1	5 1	1.000	RJU	1	2
1209	IRR	a8931.d	1	5.00 ml	15-JAN-2011 08:5	3 1	1.000	RJU	1	19
1208	IRR	1 a8932.d	1	5.00 ml	15-JAN-2011 09:3	2 1	1.000	RJU	1	20
1201	I.	1 a8933.d	1	5.00 ml	15-JAN-2011 09:5	7 1	1.000	RJU	1	21
1201	I .	a8933D.d	1	5.00 ml	15-JAN-2011 09:5	7 1	1.000	RJU	1	21
1206	F	1 a8934.d	1	5.00 ml	15-JAN-2011 10:2	1 1	1.000	RJU	1	22
1206	1	a8934D.d	1	5.00 ml	15-JAN-2011 10:2	1	1.000	RJU	1	22
1202	Ĭ.	a8935.d	1	5.00 ml	15-JAN-2011 10:4	5 1	1.000	RJU	1	23
1202	1	a8935D.d	1	5.00 ml	15-JAN-2011 10:4	5 1	1.000	RJU	1	23
1203	1	a8936.d	1	5.00 ml	15-JAN-2011 11:0	1	1.000	RJU	1	24
1203	I.	a8936D.d	1	5.00 ml	15-JAN-2011 11:0	1	1.000	RJU	1	24
1204	T	a8937.d	1	5.00 ml	15-JAN-2011 11:3	2 1	1.000	RJU	1	25
1204	1	a8937D.d	1	5.00 ml	15-JAN-2011 11:3	2 1	1.000	RJU	1	25
1205	1	a8938.d	1	5.00 ml	15-JAN-2011 11:5	5 1	1.000	RJU	1	26
1205	1	a8938D.d	1	5.00 ml	15-JAN-2011 11:5	5 1	1.000	RJU	1	26
BLANK	I	a8939.d	1	5.00 ml	15-JAN-2011 12:1	1	1.000	RJU	1	27
BLANK	1	a8940.d	1	5.00 ml	15-JAN-2011 12:4	1	1.000	RJU	1	27
1208	E	a8941.d	1	5.00 ml	15-JAN-2011 13:0	5 1	1.000	RJU	1	28
1208	1	a8941D.d	1	5.00 ml	15-JAN-2011 13:0	5 1	1.000	RJU	1	28
1210	INOT USED	a8942.d	1	5.00 ml	15-JAN-2011 14:0) 1	1.000	RJU	1	29
1600	RR	a8943.d	1	5.00 ml	15-JAN-2011 14:2	1	1.000	RJU	1	30
1600	T.	a8944.d	1	5.00 ml	15-JAN-2011 14:5) [1.000	RJU	1	31
1600	T.	a8944D.d	1	5.00 ml	15-JAN-2011 14:5	1	1.000	RJU	1	31
913039	T.	1 a8945.d	1	5.00 ml	15-JAN-2011 15:3	1	1.000	RJU	1	29
913040	t	1 a8946.d	1	5.00 ml	15-JAN-2011 16:0	1	1.000	RJU	1	30
MB	E	1 a8947.d	1	5.00 ml	15-JAN-2011 16:3	3 1	1.000	RJU	1	31
913038	E	a8948.d	1	5.00 ml	15-JAN-2011 17:0	1	1.000	RJU	1	32
21101121306	E	a8949.d	1	5.00 ml	1 15-JAN-2011 17:2	1	1.000	RJU	t	33
21101121301	I.	a8950.d	1	5.00 ml	15-JAN-2011 17:5	1	1.000	RJU	1	34
21101121302	Ü	a8951.d	1	5.00 ml	15-JAN-2011 18:1	1	1.000	RJU	1	35
21101121303	Ē	a8952.d	1	5.00 ml	15-JAN-2011 18:3	1	1.000	RJU	1	36
21101121304	E	a8953.d	1	5.00 ml	15-JAN-2011 19:0) 1	1.000	RJU	1	37
21101121305	LRNO WITH FOLLOWING	a8954.d	1	5.00 ml	15-JAN-2011 19:2	1	5.000	RJU	1	38
21101121305	LRNO WITH ABOVE	a8955.d	1	5.00 ml	15-JAN-2011 19:4	1	1.000	RJU	1	38
BLANK	E	a8956.d	1	5 00 ml	15-JAN-2011 20:1	1 3	1.000	RJU	E	39

Date: 16-JAN-2011	Standard	Conc ppm	ID	EXP
Instrument: msv11.i	BFB IS/SS	50	6-99-2	05/21/11
Analyst(s): RJU	8260 IS/SS	50	6-99-2	05/21/11
	8260	50	6-100-11	01/28/11
	AC/AC/VA	250/50	6-100-10	03/10/11
	CVE	50	6-100-3	06/29/11
	Heptane	250	6-98-2	05/28/11
	APP9-1	50	6-97-3	05/16/11
	APP9-2	50	6-100-9	07/07/11
	THF	50	6-97-9	05/19/11

Sample ID	Comments	DataFile	1 W	gt/Vol	Injection T	ime	1	Dil	Anal	. 1	ALS
	1	Ŀ	1		1		1			I,	
1000] RR	a8958.d	1		16-JAN-2011		1	1.000		1	2
1000	1	a8958s.d	1	0.00 ml	16-JAN-2011	08:11	1	1.000	RJU	1	2
1400	IAPP9	a8959.d	1	5.00 ml	16-JAN-2011	08:59	1	1.000	RJU	1	39
1400	JAPP9	a8959s.d	1	5.00 ml	16-JAN-2011	08:59	1	1.000	RJU	1	39
1400	T	a8960.d	1	5.00 ml	16-JAN-2011	09:23	1	1.000	RJU	1	40
913049	T.	a8960L.d	1	5.00 ml	16-JAN-2011	09:23	1	1.000	RJU	1	40
1400	1	a8960s.d	1	5.00 ml	16-JAN-2011	09:23	1	1.000	RJU	1	40
913052	1	a8960sL.d	1	5.00 g	16-JAN-2011	09:23	1	50.000	RJU	1	40
913050	1	a8961.d	1	5.00 ml	16-JAN-2011	09:46	1	1.000	RJU	1	41
913053	1	a8961s.d	1	5,00 g	16-JAN-2011	09:46	1	50.000	RJU	1	41
MB	1	a8962.d	1	5.00 ml	16-JAN-2011	10:09	1	1.000	RJU	1	42
913048	1	a8963.d	1	5.00 ml	16-JAN-2011	10:33	1	1.000	RJU	1	42
913051	1	a8964.d	1	5.00 g	16-JAN-2011	10:55	1	50.000	RJU	1	43
21101140501	1	a8965.d	1	6.18 g	16-JAN-2011	11:18	1	50.000	RJU	1	44
21101140514	I	a8966.d	1	5.00 ml	16-JAN-2011	11:42	1	1.000	RJU	1	45
21101140515	1	a8967.d	1	5.00 ml	16-JAN-2011	12:05	1	1.000	RJU	1	46
21101140516	A .	a8968.d	1	5.00 ml	16-JAN-2011	12:28	1	1.000	RJU	1	47
21101143701	LRNO WITH 20/2	a8969.d	1	5.00 ml	16-JAN-2011	12:51	1	100.000	RJU	1	48
21101143701	LRNO WITH 100/2	1 a8970.d	1	5.00 ml	16-JAN-2011	13:14	1	20.000	RJU	1	49
21101143701	LRNO WITH 100/20	a8971.d	1	5.00 ml	16-JAN-2011	13:37	1	2.000	RJU	1	50
21101140502	IMS	a8972.d	1	4.91 g	16-JAN-2011	14:01	1	50.000	RJU	1	51
21101140503	IMSD	a8973.d	1	6.03 g	16-JAN-2011	14:25	1	50.000	RJU	1	52
BLANK	1	1 a8974.d	1	5.00 ml	16-JAN-2011	14:49	1	1.000	RJU	1	53
21101144101	IDILUTED DUE TO NT	a8975.d	Ť.	5.01 g	16-JAN-2011	15:14	1	10000.000	RJU	()	5
21101142402	1	a8976.d	1	5.00 g	16-JAN-2011	15:39	1	1000000.00	0 1 R	JU	1
21101140504	31	a8977.d	1	5.81 g	16-JAN-2011	16:03	1	50.000	RJU	1	56
21101140505	T	a8978.d	1	4.71 g	16-JAN-2011	16:27	1	50.000	RJU	1	57
21101140510	1	a8979.d	1	5.87 g	16-JAN-2011	16:51	1	50.000	RJU	1	58
21101140512	DILUTED DUE TO MATRIX	a8980.d	1	5.85 g	16-JAN-2011	17:15	1	50.000	RJU	1	59
21101140513	1	a8981.d	1	4.93 g	16-JAN-2011	17:39	ŧ	50.000	RJU	1	60
21101140507	i .	a8982.d	1	4.77 g	16-JAN-2011	18:09	1	100.000	CLH	1	61
21101140506	IRR, 250X	a8983.d	1	6.21 g	16-JAN-2011	18:33	t	1000.000	CLH	1	62
21101140508	0	1 a8984.d	1	5.13 g	16-JAN-2011	18:57	1	10000.000	CLH	1	1 6
21101140509	1	a8985.d	t	5.23 g	16-JAN-2011	19:22	1	10000.000	CLH	. 1	6
21101140511	3	a8986.d	Ī	5.71 g	16-JAN-2011	19:46	1	10000.000	CLH		6
BLANK	ñ	1 a8987.d	1	5.00 g	16-JAN-2011	20:10	ï	1.000	CLH	1	66

Date: 01-JAN-2011	Standard	Conc ppm		
Instrument: msv5.i	BFB IS/SS	50	6-96-6	05/04/11
Analyst(s): JCK	8260 IS/SS	50	6-96-6	05/04/11
	APP9-2	50	6-97-2	05/12/11
	APP9-1	50	6-97-3	05/16/11
	THF	50	6-97-9	05/19/11
	THF ICV	50	6-93-11	04/06/11
	APP9-2 ICV	50	6-96-8	05/05/11
	APP9-1 ICV	50	6-98-3	02/14/11

Comments	DataFile	Wg	t/Vol	1	Injection Time	- 3	Dil	1	Anal	1	ALS
1	1	1		1		_9	1	t		1	
***************************************		****	******				*****			-	
T.	1 k9644.d	1	0.00 ml	1	01-JAN-2011 13:1	8	1.000	1	JCK	1	2
1	k9745.d	1	0.00 ml	10	07-JAN-2011 10:2	4	1.000	1	JCK	1	2
Î.	k9746.d	1	5.00 ml	1	07-JAN-2011 11:1	4	1.000	1	JCK	-1	1
1	k9747.d	1	5.00 ml	1	07-JAN-2011 11:3	6	1.000	1	JCK	1	2
[RR	1 k9748.d	1	5.00 ml	1	07-JAN-2011 11:5	8	1.000	1	JCK	1	3
Ĭ.	k9749.d	1	5.00 ml	1	07-JAN-2011 12:2	1	1.000	-	JCK	1	4
T.	k9750.d	1	5.00 ml	(07-JAN-2011 12:4:	3	1.000	1	JCK	1	
1	k9751.d	1	5.00 ml	1	07-JAN-2011 13:0	6	1.000	1	JCK	1	6
1	k9752.d	1	5.00 ml	1	07-JAN-2011 13:30	0	1.000	1	JCK	1	7
I	k9753.d	1	5.00 ml	1	07-JAN-2011 13:5	3	1.000	1	JCK	1	8
[RR	k9754.d	1	5.00 ml	1	07-JAN-2011 14:59	9	1.000	1	JCK	1	9
T.	1 k9755.d	1	5.00 ml	1	07-JAN-2011 15:42	2	1.000	1	JCK	1	10
1	k9756.d	1	5.00 ml	1	07-JAN-2011 16:04	9	1.000	1	JCK	1	11

TUNE = 01:18

Date: 07-JAN-2011	Standard	Conc ppm		
Instrument: msv5.i	BFB IS/SS	50	6-99-2	05/21/11
Analyst(s): JCK	8260 IS/SS	50	6-99-2	05/21/11
	8260	50	6-100-8	01/17/11
	Ac/Ac	250/50	6-100-7	03/01/11
	CVE	50	6-100-3	06/29/11
	8260 ICV	50	6-99-4	06/22/11
	AC/AC ICV	250/50	6-98-12	01/17/11
	CVE ICV	50	6-89-11	02/11/11

	A Septimonial and a	THE STREET, ST	a serve from a	IN THE STREET, WILLIAM STORE STORE	11			
Sample ID	Comments	DataFile	Wgt/Vol	Injection Time	Dil	Anal	J.	ALS
1	1	4	1	1	1	1 -	1	
	**************	***********					-	(0) AT (0) Yes
1000	.1	1 k9757.d	0.00 ml	07-JAN-2011 17:02	1.000	JCK	1	2
1 1207	18260 ICAL	k9758.d	1 5.00 ml	07-JAN-2011 18:08	1 1.000	JCK	1	1
1201	1	1 k9759.d	1 5.00 ml	07-JAN-2011 18:30	1 1.000	JCK	1	2
1206	1	k9760.d	1 5.00 ml	07-JAN-2011 18:54	1.000	JCK	1	3
1202	1	1 k9761.d	1 5.00 ml	07-JAN-2011 19:16	1.000	JCK	1	4
1 1203	1	k9762.d	1 5.00 ml	07-JAN-2011 19:38	1 1.000	JCK	1	5
1204	į.	k9763.d	1 5.00 ml	07-JAN-2011 20:01	1.000	JCK	1	6
1 1205	1	1 k9764.d	1 5.00 ml	07-JAN-2011 20:23	1 1.000	JCK	1	7
BLANK	1	k9765.d	5.00 ml	07-JAN-2011 20:45	1.000	JCK	1	8
1 1600	1	1 k9766.d	1 5.00 ml	07-JAN-2011 21:07	1 1.000	JCK	1	9
1 1600	NOT USED	1 k9767.d	1 5.00 ml	07-JAN-2011 21:29	1.000	JCK	11	10
BLANK	1	k9768.d	1 5.00 ml	07-JAN-2011 21:52	1 1.000	JCK	1	11
1:								

TUNE = 05:02

Date: 18-JAN-2011	Standard	Conc pp	m	
Instrument: msv5.i	BFB IS/SS	50	6-99-2	05/21/11
Analyst(s): CLH	8260 IS/SS	50	6-99-2	05/21/11
	8260	50	6-100-11	01/28/11
	Ac/Ac	250/50	6-100-12	03/16/11
	CVE	50	6-100-3	06/29/11
	APP9-2	50	6-100-9	07/07/11
	APP9-1	50	6-97-3	05/16/11
	THE	50	6-97-9	05/19/11

	1	1	1		1		1		I		J.	
	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~					*************	H 100 100 1				05 305 NO	
1000	1	k9903bfb.d	1	0.00 ml	1	18-JAN-2011 12:33	1	1.000	1	CLH	1	2
1000	1	k9903sbfb.d	1	0.00 ml	1	18-JAN-2011 12:33	1	1.000			1	2
BLANK	1	1 k9904.d	1	5.00 ml	1	18-JAN-2011 12:56	1	1.000	1	CLH	1	
1400	T.	1 k9905.d	1	5.00 ml	1	18-JAN-2011 13:19	1	1.000	1	CLH	1	2
913709	1	k9905L.d	1	5.00 ml	1	18-JAN-2011 13:19	1	1.000	1	CLH	1	2
1400	Į.	k9905s.d	1	5.00 ml	1	18-JAN-2011 13:19	1	1.000	1	CLH	1	2
913706	1	k9905sL.d	1	5.00 g	1	18-JAN-2011 13:19	I	50.000	1	CLH	1	2
913710	T .	k9906.d	1.	5.00 ml	1	18-JAN-2011 13:42	1	1.000	1	CLH	1	
913707	1	1 k9906s.d	1	5.00 g	1	18-JAN-2011 13:42	1	50.000	1	CLH	1	2
1400	T	1 k9907.d	1	5.00 ml	1	18-JAN-2011 14:09	1	1.000	1	CLH	1	4
1400	1	1 k9907s.d	1	5.00 ml	1	18-JAN-2011 14:09	1	1.000	1	CLH	1	-
MB	1	k9908.d	1	5.00 ml	1	18-JAN-2011 14:32	1	1.000	1	CLH	1	1
913705	1	1 k9909.d	1	5.00 g	1	18-JAN-2011 14:55	1	50.000	1	CLH	1	1
913708	Ti-	k9910.d	1	5.00 ml	1	18-JAN-2011 15:19	1	1.000	1	CLH	1	
21101140506	1	k9911.d	1	6.21 g	1	18-JAN-2011 15:41	1	250.000	11	CLH	1	
21101140602	Ï	k9912.d	1	5.00 ml	1	18-JAN-2011 16:04	1	40.000	1	CLH	1	
21101143333	1	k9913.d	1	5.00 ml	1	18-JAN-2011 16:26	1	1.000	1	CLH	1	1
21101171601	1	k9914.d	1	5.00 ml	1	18-JAN-2011 16:48	1	20.000	1	CLH	1	1
BLANK	1	k9915.d	1	5.00 ml	1	18-JAN-2011 17:11	1	1.000	1	CLH	1	1
913803	1	k9916.d	1	5.00 ml	1	18-JAN-2011 17:33	1	40.000	1	CLH	t	3
913804	1	k9917.d	1	5.00 ml	1	18-JAN-2011 17:56	1	40.000	1	CLH	1	3
912982	1	k9918.d	1	5.00 ml	1	18-JAN-2011 18:19	1	40.000	1	CLH	Ĺ	3
21101172801	LRNO WITH FOLLOWING	k9919.d	1	5.00 ml	1	18-JAN-2011 18:41	1	20.000	1	CLH	1	1
21101172801	LRNO WITH ABOVE	k9920.d	1	5.00 ml	1	18-JAN-2011 19:05	1	2.000	1	CLH	t	1
BLANK	T.	k9921.d	1	5.00 ml	ľ	18-JAN-2011 19:29	1	1.000	0	CLH	Ĺ	1
BLANK	É	k9922.d	1	5.00 ml	ı	18-JAN-2011 19:52	1	1.000	1	CLH	1	1
21101171501	LRNO WITH k9925	1 k9923.d	1	5.00 ml	ı	18-JAN-2011 20:14	1	250.000	1	CLH	į.	1
21101171502	LRNO WITH k9926	k9924.d	1	5.00 ml	1	18-JAN-2011 20:37	1	250.000	1	CLH	t	1
21101171501	LRNO WITH k9923	1 k9925.d	j.	5.00 ml	i	18-JAN-2011 21:00	1	10.000	1	CLH	ĩ	1
21101171502	LRNO WITH k9924	k9926.d	1	5.00 ml	1	18-JAN-2011 21:22	1	10.000	1	RJU	1	2
BLANK	I	1 k9927.d	1	5.00 ml	1	18-JAN-2011 21:45	1	1.000	13	RJU	1	2
BLANK	ř	k9928.d	1	5.00 ml	1	18-JAN-2011 22:07	1	1.000	1	RJU	1	2
BLANK	f.	k9929.d	1	5.00 ml	1	18-JAN-2011 22:30	1	1.000	17	RJU	1	2
21101170304	ĺ	1 k9930.d	1	5.00 ml	1	18-JAN-2011 22:53	1	1.000	13	RJU	1	2
21101140601	ĩ	k9931.d	1	5.00 ml	1	18-JAN-2011 23:15	1	40.000	13	RJU	E	2
21101140603	Ē	k9932.d	1	5.00 ml	i	18-JAN-2011 23:38	1	40.000	1	RJU	1	26

Lab Name: 0	GCAL	Sample ID: T-15-F	
Lab Code: LA	A024 Case No.:	Contract:	
SAS No.:	SDG No.: 211011405	Lab File ID: 2110114/e	7980
Matrix: Solid		Lab Sample ID: 21101	140501
Sample wt/vol:	30.1 Units: g	Date Collected: 01/13/	11 Time: 1400
	4) 1014		
Level: (low/med	d) LOW	Date Received: 01/14/	11
% Moisture:	16.2 decanted: (Y/N)	Date Extracted: 01/14/	11
GC Column:	RTX-5MS-30 ID: .25 (mm)	Date Analyzed: 01/14/	11 Time: 1656
	55090 335 ACC 94 1 1 Perc 25 1 Perc	Dilution Factor: 1	Analyst: KCB
	Extract Volume: 1000 (µL)		
Injection Volum	ne: 1.0 (µL)	Prep Method: 3550B	
GPC Cleanup:	(Y/N) N pH:	Analytical Method: SW	/-846 8270
		Instrument ID: MSSV4	
CONCENTRA	TION UNITS: mg/kg		
		Prep Batch: 448916	Analytical Batch: 448983
CAS NO.	COMPOUND	RESULT	MDL RL
122-66-7	1,2 Diphenylhydrazine	0.393 U	0.00894 0.393
95-95-4	2,4,5-Trichlorophenol	0.393 U	0.047 0.393
88-06-2	2,4,6-Trichlorophenol	0.393 U	0.062 0.393
120-83-2	2,4-Dichlorophenol	0.393 U	0.063 0.393
105-67-9	2,4-Dimethylphenol	0.393 U	0.050 0.393
51-28-5	2,4-Dinitrophenol	1.96 U	0.211 1.96
121-14-2	2,4-Dinitrotoluene	0.393 U	0.055 0.393
606-20-2	2,6-Dinitrotoluene	0.393 U	0.023 0.393
91-58-7	2-Chloronaphthalene	0.393 U	0.021 0.393
95-57-8	2-Chlorophenol	0.393 U	0.030 0.393
91-57-6	2-Methylnaphthalene	0.079 U	0.021 0.079
88-74-4	2-Nitroaniline	1.96 U	0.044 1.96
88-75-5	2-Nitrophenol	0.393 U	0.018 0.393
91-94-1	3,3'-Dichlorobenzidine	0.785 U	0.251 0.785
99-09-2	3-Nitroaniline	1.96 U	0.048 1.96
534-52-1	2-Methyl-4,6-dinitrophenol	1.96 U	0.039 1.96
101-55-3	4-Bromophenyl-phenylether	0.393 U	0.035 0.393
59-50-7	4-Chloro-3-methylphenol	0.393 U	0.031 0.393
106-47-8	4-Chloroaniline	0.393 U	0.039 0.393
7005-72-3	4-Chlorophenyl-phenylether	0.393 U	0.044 0.393
100-01-6	4-Nitroaniline	1.96 U	0.073 1.96
100-02-7	4-Nitrophenol	1.96 U	0.136 1.96
83-32-9	Acenaphthene	0.079 U	0.022 0.079
208-96-8	Acenaphthylene	0.079 U	0.013 0.079
98-86-2	Acetophenone	0.393 U	0.024 0.393
62-53-3	Aniline	0.393 U	0.021 0.393
120-12-7	Anthracene	0.079 U	0.014 0.079
1912-24-9	Atrazine (Aatrex)	0.785 U	0.058 0.785
100-52-7	Benzaldehyde	0.785 U	0.035 0.785

FORM I SV-1

Lab Name: GC	AL	Sample ID: _T	-15-F		
Lab Code: LA0	24 Case No.:	Contract:			
SAS No.:	SDG No.: 211011405	Lab File ID: 2	110114/e79	80	
Matrix: Solid		Lab Sample ID:	2110114	0501	
Sample wt/vol:	30.1 Units: g	Date Collected:	01/13/11	Time:	1400
Level: (low/med)		Date Received:	01/14/11		
% Moisture: 16	.2 decanted: (Y/N)	Date Extracted:	01/14/11		
	TX-5MS-30 ID: .25 (mm)	Date Analyzed:	01/14/11	Time:	1656
	tract Volume: 1000 (µL)	Dilution Factor:	1	Analy	st: KCB
	1.0 (µL)	Prep Method:	3550B		
		Analytical Meth	od: SW-8	46 8270	
GPC Cleanup. (1	//N) <u>N</u> pH:	Instrument ID:		Salar and Manager	
CONCENTRATIO	ON UNITS: mg/kg			Analytical Ba	tch: 448983
CAS NO.	COMPOUND	RESULT		MDL	RL
92-87-5	Benzidine	1.96	U	1.96	1.96
56-55-3	Benzo(a)anthracene	0.079	U	0.017	0.079
50-32-8	Benzo(a)pyrene	0.079	U	0.023	0.079
205-99-2	Benzo(b)fluoranthene	0.393	U	0.012	0.393
191-24-2	Benzo(g,h,i)perylene	0.393	U	0.011	0.393
207-08-9	Benzo(k)fluoranthene	0.393	U	0.018	0.393
65-85-0	Benzoic acid	1.96	U	0.136	1.96
100-51-6	Benzyl alcohol	0.393	U	0.046	0.393
92-52-4	Biphenyl	0.393	U	0.013	0.393
111-91-1	Bis(2-Chloroethoxy)methane	0.393	U	0.022	0.393
111-44-4	Bis(2-Chloroethyl)ether	0.393	U	0.030	0.393
108-60-1	bis(2-Chloroisopropyl)ether	0.393	U	0.020	0.393
117-81-7	bis(2-ethylhexyl)phthalate	0.079	U	0.015	0.079
85-68-7	Butylbenzylphthalate	0.393	U	0.00828	0.393
105-60-2	Caprolactam	0.393	U	0.042	0.393
86-74-8	Carbazole	0.393	U	0.028	0.393
218-01-9	Chrysene	0.393	U	0.013	0.393
84-74-2	Di-n-butylphthalate	0.393	U	0.00948	0.393
117-84-0	Di-n-octylphthalate	0.393	U	0.013	0.393
53-70-3	Dibenz(a,h)anthracene	0.079	U	0.011	0.079
132-64-9	Dibenzofuran	0.393	U	0.014	0.393
84-66-2	Diethylphthalate	0.393	U	0.036	0.393
131-11-3	Dimethyl-phthalate	0.393	U	0.00870	0.393
206-44-0	Fluoranthene	0.017	J	0.00869	0.393
86-73-7	Fluorene	0.079	U	0.012	0.079
118-74-1	Hexachlorobenzene	0.393	U	0.047	0.393
77-47-4	Hexachlorocyclopentadiene	0.393	U	0.059	0.393
67-72-1	Hexachloroethane	0.393	U	0.058	0.393
193-39-5	Indeno(1,2,3-cd)pyrene	0.393	U	0.016	0.393

FORM I SV-1

Lab Name: G	GCAL	Sample ID: T-15-F
Lab Code: LA	A024 Case No.:	Contract:
SAS No.:	SDG No.: 211011405	Lab File ID: 2110114/e7980
Matrix: Solid		Lab Sample ID: 21101140501
Sample wt/vol:	30.1 Units: g	Date Collected: 01/13/11 Time: 1400
Level: (low/med	d) LOW	Date Received: 01/14/11
% Moisture:	16.2 decanted: (Y/N)	Date Extracted: 01/14/11
GC Column: _I	RTX-5MS-30 ID: .25 (mm)	Date Analyzed: 01/14/11 Time: 1656
Concentrated E	Extract Volume: 1000 (µL)	Dilution Factor: 1 Analyst: KCB
Injection Volum	ne: 1.0 (µL)	Prep Method: 3550B
GPC Cleanup:	(Y/N) N pH:	Analytical Method: SW-846 8270
		Instrument ID: MSSV4
CONCENTRAT	TION UNITS: mg/kg	Prep Batch: 448916 Analytical Batch: 448983
CAS NO.	COMPOUND	RESULT MDL RL
78-59-1	Isophorone	0.393 U 0.013 0.393
98-95-3	Nitrobenzene	0.393 U 0.018 0.393
87-86-5	Pentachlorophenol	1.96 U 0.032 1.96
85-01-8	Phenanthrene	0.079 U 0.016 0.079
108-95-2	Phenol	0.393 U 0.019 0.393
129-00-0	Pyrene	0.393 U 0.055 0.393
110-86-1	Pyridine	0.393 U 0.022 0.393
1319-77-3M	m,p-Cresol	0.393 U 0.069 0.393
621-64-7	N-Nitroso-di-n-propylamine	0.079 U 0.020 0.079
62-75-9	N-Nitrosodimethylamine	0.393 U 0.020 0.393
86-30-6	N-Nitrosodiphenylamine	0.393 U 0.012 0.393
95-48-7	o-Cresol	0.393 U 0.012 0.393

Lab Name: 0	GCAL	Sample ID: T-15-F MS	
Lab Code: L	A024 Case No.:	Contract:	
SAS No.:	SDG No.: 211011405		
Matrix: Solid		Lab Sample ID: 211011405	02
Sample wt/vol-	: 30 Units: g	Date Collected: 01/13/11	Time: 1400
Level: (low/me		Date Received: 01/14/11	
% Moisture:	16.2 decanted: (Y/N)	Date Extracted: 01/14/11	
GC Column: RTX-5MS-30 ID: .25 (mm)		Date Analyzed: 01/14/11	Time: 1713
Concentrated I	Extract Volume: 1000 (µL)	Dilution Factor: 1	Analyst: KCB
		Prep Method: 3550B	
	ne: (µL)	Me to the control of	2000 H
GPC Cleanup:	(Y/N) N pH:	Analytical Method: SW-846	8270
		Instrument ID: MSSV4	
CONCENTRA	TION UNITS: mg/kg	Prep Batch: 448916	Analytical Batch: 448983
	004704410		
CAS NO.	COMPOUND	RESULT	MDL RL
122-66-7	1,2 Diphenylhydrazine	3.52	0.00897 0.394
95-95-4	2,4,5-Trichlorophenol	3.19	0.047 0.394
88-06-2	2,4,6-Trichlorophenol	2,96	0.062 0.394
120-83-2	2,4-Dichlorophenol	2.96	0.063 0.394
105-67-9	2,4-Dimethylphenol	3.04	0.050 0.394
51-28-5	2,4-Dinitrophenol	2.52	0.211 1.97
121-14-2	2,4-Dinitrotoluene	3.27	0.056 0.394
606-20-2	2,6-Dinitrotoluene	3.47	0.023 0.394
91-58-7	2-Chloronaphthalene	3.57	0.021 0.394
95-57-8	2-Chlorophenol	2.97	0.030 0.394
91-57-6	2-Methylnaphthalene	3.21	0.021 0.079
88-74-4	2-Nitroaniline	3.25	0.044 1.97
88-75-5	2-Nitrophenol	3.28	0.018 0.394
91-94-1	3,3'-Dichlorobenzidine	2.85	0.252 0.788
99-09-2	3-Nitroaniline	2.33	0.048 1.97
534-52-1	2-Methyl-4,6-dinitrophenol	2.94	0.039 1.97
101-55-3	4-Bromophenyl-phenylether	3.89	0.035 0.394
59-50-7	4-Chloro-3-methylphenol	2.83	0.031 , 0.394
106-47-8	4-Chloroaniline	1.83	0.039 0.394
7005-72-3	4-Chlorophenyl-phenylether	3.47	0.044 0.394
100-01-6	4-Nitroaniline	2.89	0.074 1.97
100-02-7	4-Nitrophenol	2.81	0.136 1.97
83-32-9	Acenaphthene	3.67	0.022 0.079
208-96-8	Acenaphthylene	4.19	0.013 0.079
98-86-2	Acetophenone	3.26	0.024 0.394
62-53-3	Aniline	2.78	0.021 0.394
120-12-7	Anthracene	3.90	0.014 0.079
1912-24-9	Atrazine (Aatrex)	5.17	0.058 0.788
100-52-7	Benzaldehyde	0.334 J	0.035 0.788

FORM I SV-1

Lab Name: G	CAL	Sample ID: T-15-F MS	
Lab Code: LA	024 Case No.:	Contract:	
SAS No.:	SDG No.: 211011405	Lab File ID: 2110114/e798	
Matrix: Solid		Lab Sample ID: 211011405	502
Sample wt/vol:	30 Units: g	Date Collected: 01/13/11	Time: 1400
	l) LOW	Date Received: 01/14/11	and the second s
CONTROL WORLD TO A SCHOOL OF THE PARTY OF THE	6.2 decanted: (Y/N)	Date Extracted: 01/14/11	
		Date Analyzed: 01/14/11	Time: 1713
GC Column: R	RTX-5MS-30 ID:25 (mm)		
Concentrated E	xtract Volume: 1000 (µL)	Dilution Factor: 1	Analyst: KCB
Injection Volume	e: (µL)	Prep Method: 3550B	
GPC Cleanup: ((Y/N) N pH:	Analytical Method: SW-84	6 8270
or o oleanap.	.,,,,	Instrument ID: MSSV4	And the Annual Control of Control
CONCENTRAT	TON UNITS: mg/kg	mstrument ib. W33V4	
CONCENTION	TON ON TO. MIGNIG	Prep Batch: 448916	Analytical Batch: 448983
CAS NO.	COMPOUND	RESULT	MDL RL
56-55-3	Benzo(a)anthracene	3.74	0.017 0.079
50-32-8	Benzo(a)pyrene	4.04	0.023 0.079
205-99-2	Benzo(b)fluoranthene	3.55	0.012 0.394
191-24-2	Benzo(g,h,i)perylene	3.32	0.011 0.394
207-08-9	Benzo(k)fluoranthene	3.61	0.018 0.394
65-85-0	Benzoic acid	2.23	0.136 1.97
100-51-6	Benzyl alcohol	3.21	0.046 0.394
92-52-4	Biphenyl	3.22	0.013 0.394
111-91-1	Bis(2-Chloroethoxy)methane	3.49	0.022 0.394
111-44-4	Bis(2-Chloroethyl)ether	3.39	0.030 0.394
108-60-1	bis(2-Chloroisopropyl)ether	3.28	0.020 0.394
117-81-7	bis(2-ethylhexyl)phthalate	3.52	0.015 0.079
85-68-7	Butylbenzylphthalate	3.67	0.00831 0.394
105-60-2	Caprolactam	3.12	0.042 0.394
86-74-8	Carbazole	3.39	0.028 0.394
218-01-9	Chrysene	3.57	0.013 0.394
84-74-2	Di-n-butylphthalate	3.78	0.00952 0.394
117-84-0	Di-n-octylphthalate	3.57	0.013 0.394
53-70-3	Dibenz(a,h)anthracene	3.32	0.011 0.079
132-64-9	Dibenzofuran	3.32	0.014 0.394
84-66-2	Diethylphthalate	3.61	0.036 0.394
131-11-3	Dimethyl-phthalate	3.62	0.00873 0.394
206-44-0	Fluoranthene	3.83	0.00872 0.394
86-73-7	Fluorene	3.61	0.012 0.079
118-74-1	Hexachlorobenzene	3.45	0.047 0.394
77-47-4	Hexachlorocyclopentadiene	4.18	0.059 0.394
67-72-1	Hexachloroethane	2.94	0.059 0.394
193-39-5	Indeno(1,2,3-cd)pyrene	3.32	0.016 0.394
78-59-1	Isophorone	3.43	0.013 0.394

FORM I SV-1

Lab Name: _(GCAL	Sample ID: T-15-F MS		
Lab Code: L	A024 Case No.:	Contract:		
SAS No.:	SDG No.: 211011405	Lab File ID: 2110114/e79	81	
Matrix: Solid		Lab Sample ID: 2110114	0502	
Sample wt/vol:	: 30 Units: g	Date Collected: 01/13/11	Time:	1400
Level: (low/me	d) LOW	Date Received: 01/14/11		
% Moisture:	16.2 decanted: (Y/N)	Date Extracted: 01/14/11		
GC Column:	RTX-5MS-30 ID: .25 (mm)	Date Analyzed: 01/14/11	Time:	1713
Concentrated	Extract Volume: 1000 (µL)	Dilution Factor: 1	Analy	st: KCB
Injection Volum	me: 1.0 (µL)	Prep Method: 3550B		
	(Y/N) N pH:	Analytical Method: SW-8	346 8270	
		Instrument ID: MSSV4		
CONCENTRA	TION UNITS: mg/kg	Prep Batch: 448916	Analytical Ba	tch: 448983
CAS NO.	COMPOUND	RESULT	MDL	RL
98-95-3	Nitrobenzene	3.34	0.018	0.394
87-86-5	Pentachlorophenol	2.60	0.032	1.97
85-01-8	Phenanthrene	3.67	0.016	0.079
108-95-2	Phenol	2.95	0.019	0.394
129-00-0	Pyrene	3.90	0.055	0.394
110-86-1	Pyridine	2.24	0.022	0.394
1319-77-3M	m,p-Cresol	2.87	0.069	0.394
621-64-7	N-Nitroso-di-n-propylamine	3.43	0.020	0.079
62-75-9	N-Nitrosodimethylamine	3.18	0.020	0.394
86-30-6	N-Nitrosodiphenylamine	3.88	0.013	0.394
95-48-7	o-Cresol	2.95	0.012	0.394

Lab Name: C	GCAL	Sample ID: T-15-F MSD	
Lab Code: LA	A024 Case No.:	Contract:	
SAS No.:	SDG No.: 211011405	Lab File ID: 2110114/e7982	
Matrix: Solid		Lab Sample ID: 2110114050	3
Sample wt/vol:	30 Units: g	Date Collected: 01/13/11	Time: 1400
	d) LOW		
		Date Received: 01/14/11	
% Moisture: 16.2 decanted: (Y/N)		Date Extracted: 01/14/11	
GC Column:	RTX-5MS-30 ID: .25 (mm)	Date Analyzed: 01/14/11	Time: 1729
Concentrated E	Extract Volume: 1000 (µL)	Dilution Factor: 1	Analyst: KCB
	ne: 1.0 (µL)	Prep Method: 3550B	
		Analytical Method: SW-846	0270
GPC Cleanup:	(Y/N) N pH:	Analytical Method: 500-646	8270
		Instrument ID: MSSV4	
CONCENTRA	TION UNITS: mg/kg	Prep Batch: 448916	Analytical Batch: 448983
CAS NO.	COMPOUND	RESULT	MDL RL
122-66-7	1,2 Diphenylhydrazine	3.19	0.00897 0.394
95-95-4	2,4,5-Trichlorophenol	2.93	0.047 0.394
88-06-2	2,4,6-Trichlorophenol	2.63	0.062 0.394
120-83-2	2,4-Dichlorophenol	2.83	0.063 0.394
105-67-9	2,4-Dimethylphenol	2.84	0.050 0.394
51-28-5	2,4-Dinitrophenol	2.16	0.211 1.97
121-14-2	2,4-Dinitrotoluene	3.06	0.056 0.394
606-20-2	2,6-Dinitrotoluene	3.19	0.023 0.394
91-58-7	2-Chloronaphthalene	3.13	0.021 0.394
95-57-8	2-Chlorophenol	2.81	0.030 0.394
91-57-6	2-Methylnaphthalene	3.01	0.021 0.079
88-74-4	2-Nitroaniline	2.91	0.044 1.97
88-75-5	2-Nitrophenol	3.04	0.018 0.394
91-94-1	3,3'-Dichlorobenzidine	2.53	0.252 0.788
99-09-2	3-Nitroaniline	2.08	0.048 1.97
534-52-1	2-Methyl-4,6-dinitrophenol	2.45	0.039 1.97
101-55-3	4-Bromophenyl-phenylether	3.49	0.035 0.394
59-50-7	4-Chloro-3-methylphenol	2.83	0.031 0.394
106-47-8	4-Chloroaniline	1.73	0.039 0.394
7005-72-3	4-Chlorophenyl-phenylether	3.15	0.044 0.394
100-01-6	4-Nitroaniline	2.66	0.074 1.97
100-02-7	4-Nitrophenol	2.61	0.136 1.97
83-32-9	Acenaphthene	3.26	0.022 0.079
208-96-8	Acenaphthylene	3.73	0.013 0.079
98-86-2	Acetophenone	3.09	0.024 0.394
62-53-3	Aniline	2.70	0.021 0.394
120-12-7	Anthracene	3.51	0.014 0.079
1912-24-9	Atrazine (Aatrex)	4.68	0.058 0.788
100-52-7	Benzaldehyde	0.412	0.035 0.788

FORM I SV-1

Lab Name: G	CAL	Sample ID: T-15-F MSD	
Lab Code: LA	024 Case No.:	Contract:	
SAS No.:	SDG No.: 211011405	Lab File ID: 2110114/e7982	2
Matrix: Solid		Lab Sample ID: 211011405	603
Sample wt/vol:	30 Units: g	Date Collected: 01/13/11	Time: 1400
) LOW	Date Received: 01/14/11	
	6.2 decanted: (Y/N)	Date Extracted: 01/14/11	
	RTX-5MS-30 ID: .25 (mm)	Date Analyzed: 01/14/11	Time: 1729
	The state of the s	Dilution Factor: 1	
Concentrated E	extract Volume: 1000 (µL)		Allalyst. Kob
Injection Volum	e: 1.0 (µL)	Prep Method: 3550B	
GPC Cleanup: ((Y/N) N pH:	Analytical Method: SW-846	3 8270
		Instrument ID: MSSV4	
CONCENTRAT	TION UNITS: mg/kg	Prep Batch: 448916	Analytical Ratch: 448983
010110	COMPOUND	CONTRACTOR OF	
CAS NO.	COMPOUND	RESULT	MDL RL
56-55-3	Benzo(a)anthracene	3.32	0.017 0.079
50-32-8	Benzo(a)pyrene	3.44	0.023 0.079
205-99-2	Benzo(b)fluoranthene	2.82	0.012 0.394
191-24-2	Benzo(g,h,i)perylene	2.73	0.011 0.394
207-08-9	Benzo(k)fluoranthene	3.62	0.018 0.394
65-85-0	Benzoic acid	1.87 J	0.136 1.97
100-51-6	Benzyl alcohol	3.12	0.046 0.394
92-52-4	Biphenyl	3.10	0.013 0.394
111-91-1	Bis(2-Chloroethoxy)methane	3.30	0.022 0.394
111-44-4	Bis(2-Chloroethyl)ether	3.22	0.030 0.394
108-60-1	bis(2-Chloroisopropyl)ether	3.16	0.020 0.394
117-81-7	bis(2-ethylhexyl)phthalate	3.40	0.015 0.079
85-68-7	Butylbenzylphthalate	3.59	0.00831 0.394
105-60-2	Caprolactam	3.21	0.042 0.394
86-74-8	Carbazole	2.98	0.028 0.394
218-01-9	Chrysene	3.38	0.013 0.394
84-74-2	Di-n-butylphthalate	3.40	0.00952 0.394
117-84-0	Di-n-octylphthalate	3.30	0.013 0.394
53-70-3	Dibenz(a,h)anthracene	2.85	0.011 0.079
132-64-9	Dibenzofuran	2.98	0.014 0.394
84-66-2	Diethylphthalate	3.32	0.036 0.394
131-11-3	Dimethyl-phthalate	3.31	0.00873 0.394
206-44-0	Fluoranthene	3.28	0.00872 0.394
86-73-7	Fluorene	3.20	0.012 0.079
118-74-1	Hexachlorobenzene	3.03	0.047 0.394
77-47-4	Hexachlorocyclopentadiene	3.40	0.059 0.394
67-72-1	Hexachloroethane	2.84	0.059 0.394
193-39-5	Indeno(1,2,3-cd)pyrene	2.61	0.016 0.394
78-59-1	Isophorone	3.26	0.013 0.394

FORM I SV-1

Lab Name: _(GCAL	Sample ID: T-15-F MSI)	
Lab Code: L	A024 Case No.:	Contract:		
SAS No.:	SDG No.: 211011405	Lab File ID: 2110114/e7	982	
Matrix: Solid		Lab Sample ID: 211011	40503	
Sample wt/vol	: 30 Units: g	Date Collected: 01/13/1	1 Time:	1400
Level: (low/me	d) LOW	Date Received: 01/14/1	1	
	16.2 decanted: (Y/N)	Date Extracted: 01/14/1	1	
GC Column:	RTX-5MS-30 ID: .25 (mm)	Date Analyzed: 01/14/1	1 Time:	1729
Concentrated	Extract Volume: 1000 (µL)	Dilution Factor: 1	Analy	st: KCB
Injection Volur	me: 1.0 (µL)	Prep Method: 3550B		
	(Y/N) N pH:	Analytical Method: SW	-846 8270	
		Instrument ID: MSSV4		
CONCENTRA	TION UNITS: mg/kg	Prep Batch: 448916	Analytical Ba	tch: 448983
CAS NO.	COMPOUND	RESULT	MDL	RL
98-95-3	Nitrobenzene	3.08	0.018	0.394
87-86-5	Pentachlorophenol	2.39	0.032	1.97
85-01-8	Phenanthrene	3.32	0.016	0.079
108-95-2	Phenol	2.76	0.019	0.394
129-00-0	Pyrene	3.98	0.055	0.394
110-86-1	Pyridine	2.45	0.022	0.394
1319-77-3M	m,p-Cresol	2.77	0.069	0.394
621-64-7	N-Nitroso-di-n-propylamine	3.25	0.020	0.079
62-75-9	N-Nitrosodimethylamine	2.90	0.020	0.394
86-30-6	N-Nitrosodiphenylamine	3.53	0.013	0.394
95-48-7	o-Cresol	2.76	0.012	0.394

Lab Name: GC	CAL	Sample ID: T-21-F			
Lab Code: LAC	O24 Case No.:	Contract:			
SAS No.:	SDG No.: 211011405	Lab File ID: 2110114/	e7983		
Matrix: Solid		Lab Sample ID: 2110	1140504		
Sample wt/vol:	30 Units: g	Date Collected: 01/13/11 Time: 1445			
	LOW	Date Received: 01/14	1/11		
% Moisture: 16	6.7 decanted: (Y/N)	Date Extracted: 01/14	1/11		
GC Column: RTX-5MS-30 ID: .25 (mm)		Date Analyzed: 01/14/11 Time: 1746			
	dract Volume: 1000 (µL)	Dilution Factor: 1	Analy	yst: KCB	
	e: 1.0 (µL)	Prep Method: 3550B			
		Analytical Method: S			
GPC Cleanup: (Y/N) N pH:				
CONCENTRATI	ON UNITS: mg/kg	Instrument ID: MSSV	4		
CONCENTION	on one of the original original original original original original original original original original original original original original original original	Prep Batch: 448916	Analytical Ba	tch: 448983	
CAS NO.	COMPOUND	RESULT	MDL	RL	
122-66-7	1,2 Diphenylhydrazine	0.396 U	0.00901	0.396	
95-95-4	2,4,5-Trichlorophenol	0.396 U	0.047	0.396	
88-06-2	2,4,6-Trichlorophenol	0.396 U	0.062	0.396	
120-83-2	2,4-Dichlorophenol	0.396 U	0.064	0.396	
105-67-9	2,4-Dimethylphenol	0.396 U	0.050	0.396	
51-28-5	2,4-Dinitrophenol	1.98 U	0.212	1.98	
121-14-2	2.4-Dinitrotoluene	0.396 U	0.056	0.396	
606-20-2	2,6-Dinitrotoluene	0.396 U	0.023	0.396	
91-58-7	2-Chloronaphthalene	0.396 U	0.021	0.396	
95-57-8	2-Chlorophenol	0.396 U	0.030	0.396	
91-57-6	2-Methylnaphthalene	0.128	0.021	0.079	
88-74-4	2-Nitroaniline	1.98 U	0.045	1.98	
88-75-5	2-Nitrophenol	0.396 U	0.018	0.396	
91-94-1	3,3'-Dichlorobenzidine	0.792 U	0.253	0.792	
99-09-2	3-Nitroaniline	1.98 U	0.048	1.98	
534-52-1	2-Methyl-4,6-dinitrophenol	1.98 U	0.039	1.98	
101-55-3	4-Bromophenyl-phenylether	0.396 U	0.035	0.396	
59-50-7	4-Chloro-3-methylphenol	0.396 U	0.031	0.396	
106-47-8	4-Chloroaniline	0.396 U	0.039	0.396	
7005-72-3	4-Chlorophenyl-phenylether	0.396 U	0.044	0.396	
100-01-6	4-Nitroaniline	1.98 U	0.074	1.98	
100-02-7	4-Nitrophenol	1.98 U	0.137	1.98	
83-32-9	Acenaphthene	0.142	0.022	0.079	
208-96-8	Acenaphthylene	0.045 J	0.013	0.079	
98-86-2	Acetophenone	0.396 U	0.025	0.396	
62-53-3	Aniline	0.396 U	0.021	0.396	
120-12-7	Anthracene	0.257	0.014	0.079	
1912-24-9	Atrazine (Aatrex)	0.792 U	0.059	0.792	
100-52-7	Benzaldehyde	0.792 U	0.036	0.792	

FORM I SV-1

Lab Name: 0	GCAL	Sample ID: T-2	1-F		
Lab Code: LA	A024 Case No.:	Contract:			
SAS No.:	SDG No.: 211011405	Lab File ID: 211	0114/e7983	i .	
Matrix: Solid		Lab Sample ID:	211011405	04	
Sample wt/vol:	30 Units: g	Date Collected:	01/13/11	Time:	1445
Level: (low/med	d) LOW	Date Received:	01/14/11		
% Moisture:	16.7 decanted: (Y/N)	Date Extracted:	01/14/11		
GC Column: RTX-5MS-30 ID: .25 (mm)		Date Analyzed:	Date Analyzed: 01/14/11 Time: 1746		1746
Concentrated E	Extract Volume: 1000 (µL)	Dilution Factor:	1	Analy	st: KCB
Injection Volum	ne: 1.0 (µL)	Prep Method: 3	550B		
	(Y/N) N pH:	Analytical Method	: SW-846	8270	
	TION UNITS: mg/kg COMPOUND	Prep Batch: 44 RESULT		Analytical Bat	ch: 448983
	(918000 8000/ABV		0. 1	GOOD STORES	9,000
92-87-5	Benzidine	1.98 0.275	U	1.98	1.98
56-55-3	Benzo(a)anthracene			0.017	0.079
50-32-8	Benzo(a)pyrene	0.188	-	0.023	0.079
205-99-2	Benzo(b)fluoranthene	0.295	J	0.012	0.396
191-24-2	Benzo(g,h,i)perylene	0.236	-	0.011	0.396
207-08-9	Benzo(k)fluoranthene	0.079	J	0.018	0.396
65-85-0	Benzoic acid	1.98	U	0.137	1.98
100-51-6	Benzyl alcohol	0.396		0.046	0.396
92-52-4	Biphenyl	0.062	J	0.013	0.396
111-91-1	Bis(2-Chloroethoxy)methane	0.396	U	0.022	0.396
111-44-4	Bis(2-Chloroethyl)ether	0.396	U	0.030	0.396
108-60-1	bis(2-Chloroisopropyl)ether	0.396	U	0.020	0.396
117-81-7	bis(2-ethylhexyl)phthalate	0.275	- 11	0.015	0.079
85-68-7	Butylbenzylphthalate	0.396	U	0.00835	0.396
86-74-8	Carbazole	0.396		0.028	0.396
218-01-9 84-74-2	Chrysene Di a hutulahthalata	0.377 0.396	J	0.013 0.00956	0.396
	Di-n-butylphthalate	- MUTANETICS	U		0.396
117-84-0 53-70-3	Di-n-octylphthalate Dibenz(a,h)anthracene	0.396	U	0.013	0.079
132-64-9	Dibenzofuran Dibenzofuran	0.396	U	0.011	0.079
84-66-2	Diethylphthalate	0.396	U	0.014	0.396
131-11-3	Dimethyl-phthalate	0.396	U	0.037	0.396
206-44-0	Fluoranthene	0.352	J	0.00877	0.396
86-73-7	Fluorene	0.160		0.00876	0.079
118-74-1	Hexachlorobenzene	0.396	U	0.012	0.079
77-47-4	Hexachlorocyclopentadiene	0.396	U	0.047	0.396
67-72-1	Hexachloroethane	0.396	Ü	0.059	0.396
193-39-5	Indeno(1,2,3-cd)pyrene	0.396	J	0.039	0.396
78-59-1	Isophorone	0.396	U	0.013	0.396
10-09-1	isophorone	0.390	U	0.013	0.390

FORM I SV-1

Lab Name: _C	GCAL	Sample ID: T-21-F	
Lab Code: LA	A024 Case No.:	Contract:	
SAS No.:	SDG No.: 211011405	Lab File ID: 2110114/e79	983
Matrix: Solid		Lab Sample ID: 2110114	0504
Sample wt/vol:	30 Units: g	Date Collected: 01/13/11	Time: 1445
Level: (low/med	d) LOW	Date Received: 01/14/11	
% Moisture:	16.7 decanted: (Y/N)	Date Extracted: 01/14/11	
GC Column:	RTX-5MS-30 ID: .25 (mm)	Date Analyzed: 01/14/11	Time: 1746
Concentrated E	Extract Volume: 1000 (µL)	Dilution Factor: 1	Analyst: KCB
Injection Volum	ne: 1.0 (µL)	Prep Method: 3550B	
	(Y/N) N pH:	Analytical Method: SW-8	346 8270
CAS NO.	TION UNITS: mg/kg COMPOUND	Prep Batch: 448916 RESULT	Analytical Batch: 448983 MDL RL
98-95-3	Nitrobenzene	0.396 U	0.018 0.396
87-86-5	Pentachlorophenol	1.98 U	0.032 1.98
85-01-8	Phenanthrene	1.18	0.016 0.079
108-95-2	Phenol	0.396 U	0.019 0.396
129-00-0	Pyrene	0.832	0.056 0.396
110-86-1	Pyridine	0.396 U	0.022 0.396
1319-77-3M	m,p-Cresol	0.396 U	0.070 0.396
621-64-7	N-Nitroso-di-n-propylamine	0.079 U	0.020 0.079
62-75-9	N-Nitrosodimethylamine	0.396 U	0.020 0.396
86-30-6	N-Nitrosodiphenylamine	0.396 U	0.013 0.396
95-48-7	o-Cresol	0.396 U	0.012 0.396

Lab Name: GCAL	Sample ID: T-21-F
Lab Code: LA024 Case No.:	Contract:
SAS No.: SDG No.: 211011	1405 Lab File ID: 2110117/e8009
Matrix: Solid	Lab Sample ID: 21101140504
Sample wt/vol: 30 Units: g	Date Collected: 01/13/11 Time: 1445
Level: (low/med) LOW	Date Received: 01/14/11
% Moisture: 16.7 decanted: (Y/N)	Date Extracted: 01/14/11
GC Column: RTX-5MS-30 ID: .25	(mm) Date Analyzed: 01/17/11 Time: 0856
Concentrated Extract Volume: 1000	(µL) Dilution Factor: 10 Analyst: KCB
Injection Volume: 1.0	(μL) Prep Method: 3550B
GPC Cleanup: (Y/N) N pH:	Analytical Method: SW-846 8270
	Instrument ID: MSSV4
CONCENTRATION UNITS: mg/kg	Prep Batch: 448916 Analytical Batch: 449083
CAS NO. COMPOUND	RESULT MDL RL
105-60-2 Caprolactam	27.5 0.420 3.96

Lab Name: G0	CAL	Sample ID: NO	C-0-0.3		
Lab Code: LA	024 Case No.:	Contract:			
	SDG No.: 211011405	Lab File ID: 21		84	
Matrix: Solid		Lab Sample ID:	21101140	0505	
Sample wt/vol:	30.2 Units: g	Date Collected:	01/13/11	Time:	1455
Level: (low/med)) LOW	Date Received:	01/14/11		
% Moisture: 1	7.1 decanted: (Y/N)	Date Extracted:	01/14/11		
	TX-5MS-30 ID: .25 (mm)	Date Analyzed:	01/14/11	Time:	1803
_	xtract Volume: 1000 (µL)	Dilution Factor:	1	Analy	st: KCB
	e: 1.0 (µL)	Prep Method:			
		Analytical Metho	od: SW-8	46 8270	
GPC Cleanup: (Y/N) N pH:		CM DOSCORNO		
CONCENTRATI	ION UNITS: mg/kg	Instrument ID:			
		190911112011100000000000000000000000000		_ Analytical Ba	
CAS NO.	COMPOUND	RESULT		MDL	RL
122-66-7	1,2 Diphenylhydrazine	0.395	U	0.00900	0.395
95-95-4	2,4,5-Trichlorophenol	0.395	U	0.047	0.395
88-06-2	2,4,6-Trichlorophenol	0.395	U	0.062	0.395
120-83-2	2,4-Dichlorophenol	0.395	U	0.064	0.395
105-67-9	2,4-Dimethylphenol	0.395	U	0.050	0.395
51-28-5	2,4-Dinitrophenol	1.98	U	0.212	1.98
121-14-2	2,4-Dinitrotoluene	0.395	U	0.056	0.395
606-20-2	2,6-Dinitrotoluene	0.395	U	0.023	0.395
91-58-7	2-Chloronaphthalene	0.395	U	0.021	0.395
95-57-8	2-Chlorophenol	0.395	U	0.030	0.395
91-57-6	2-Methylnaphthalene	0.145		0.021	0.079
88-74-4	2-Nitroaniline	1.98	U	0.044	1.98
88-75-5	2-Nitrophenol	0.395	U	0.018	0.395
91-94-1	3,3'-Dichlorobenzidine	0.791	U	0.253	0.791
99-09-2	3-Nitroaniline	1.98	U	0.048	1.98
534-52-1	2-Methyl-4,6-dinitrophenol	1.98	U	0.039	1.98
101-55-3	4-Bromophenyl-phenylether	0.395	U	0.035	0.395
59-50-7	4-Chloro-3-methylphenol	0.395	U	0.031	0.395
106-47-8	4-Chloroaniline	0.395	U	0.039	0.395
7005-72-3	4-Chlorophenyl-phenylether	0.395	U	0.044	0.395
100-01-6	4-Nitroaniline	1.98	U	0.074	1.98
100-02-7	4-Nitrophenol	1.98	U	0.137	1.98
83-32-9	Acenaphthene	0.069	J	0.022	0.079
208-96-8	Acenaphthylene	0.058	J	0.013	0.079
98-86-2	Acetophenone	0.068	J	0.025	0.395
62-53-3	Aniline	0.395	U	0.021	0.395
120-12-7	Anthracene	0.113		0.014	0.079
1912-24-9	Atrazine (Aatrex)	0.791	Ü	0.058	0.791
100-52-7	Benzaldehyde	0.791	U	0.035	0.791

FORM I SV-1

Lab Name: _C	GCAL	Sample ID: NC-0-	0.3	
Lab Code: L/	A024 Case No.:	Contract:		
SAS No.:	SDG No.: 211011405	Lab File ID: 21101	14/e7984	
Matrix: Solid		Lab Sample ID: 21	1101140505	
Sample wt/vol:	30.2 Units: g	Date Collected: 01	1/13/11	Time: 1455
Level: (low/me		Date Received: 01	1/14/11	
% Moisture:	17.1 decanted: (Y/N)	Date Extracted: 0°	/14/11	
	RTX-5MS-30 ID: .25 (mm)	Date Analyzed: 0°	1/14/11	Time: 1803
Alle Control of Contro	Extract Volume: 1000 (µL)	Dilution Factor: 1		
		Prep Method: 355		
	ne: 1.0 (µL)		240000000000000000000000000000000000000	
GPC Cleanup:	(Y/N) N pH:	Analytical Method:		
CONOCHITCA	TION LINUTES	Instrument ID: MS	SV4	***
CONCENTRA	TION UNITS: mg/kg	Prep Batch: 4489	16 Analy	ytical Batch: 448983
CAS NO.	COMPOUND	RESULT	MD	L RL
92-87-5	Benzidine	1.98	U 1.9	8 1.98
56-55-3	Benzo(a)anthracene	0.217	0.0	17 0.079
50-32-8	Benzo(a)pyrene	0.162	0.02	23 0.079
205-99-2	Benzo(b)fluoranthene	0.346	J 0.0	12 0.395
191-24-2	Benzo(g,h,i)perylene	0.286	J 0.0	11 0.395
207-08-9	Benzo(k)fluoranthene	0.074	J 0.0	18 0.395
55-85-0	Benzoic acid	1.98	U 0.13	37 1.98
100-51-6	Benzyl alcohol	0.395	U 0.04	46 0.395
92-52-4	Biphenyl	0.058	J 0.0	13 0.395
111-91-1	Bis(2-Chloroethoxy)methane	0.395	U 0.03	22 0.395
111-44-4	Bis(2-Chloroethyl)ether	0.395	U 0.03	30 0.395
108-60-1	bis(2-Chloroisopropyl)ether	0.395	U 0.03	20 0.395
117-81-7	bis(2-ethylhexyl)phthalate	0.501	0.0	15 0.079
35-68-7	Butylbenzylphthalate	0.395	U 0.000	834 0.395
105-60-2	Caprolactam	0.395	U 0.0-	42 0.395
86-74-8	Carbazole	0.395	U 0.0	28 0.395
218-01-9	Chrysene	0.215	J 0.0	13 0.395
84-74-2	Di-n-butylphthalate	0.395	U 0.00	955 0.395
117-84-0	Di-n-octylphthalate	0.395	U 0.0	13 0.395
53-70-3	Dibenz(a,h)anthracene	0.079	U 0.0	11 0.079
132-64-9	Dibenzofuran	0.395	U 0.0	14 0.395
34-66-2	Diethylphthalate	0.395	U 0.0	37 0.395
131-11-3	Dimethyl-phthalate	0.395	U 0.00	876 0.395
206-44-0	Fluoranthene	0.420	0.00	875 0.395
86-73-7	Fluorene	0.115	0.0	12 0.079
118-74-1	Hexachlorobenzene	0.395	U 0.0	47 0.395
77-47-4	Hexachlorocyclopentadiene	0.395	U 0.0	59 0.395
67-72-1	Hexachloroethane	0.395	U 0.0	59 0.395
193-39-5	Indeno(1,2,3-cd)pyrene	0.312	J 0.0	16 0.395

Lab Name: _C	GCAL	Sample ID: NC-0-0.3		
Lab Code: L	A024 Case No.:	Contract:		
SAS No.:	SDG No.: 211011405	Lab File ID: 2110114/e7	984	
Matrix: Solid		Lab Sample ID: 211011	40505	
Sample wt/vol:	30.2 Units: g	Date Collected: 01/13/1	1 Time:	1455
Level: (low/me	d) LOW	Date Received: 01/14/1	1	
% Moisture:	17.1 decanted: (Y/N)	Date Extracted: 01/14/1	1	
GC Column:	RTX-5MS-30 ID: .25 (mm)	Date Analyzed: 01/14/1	1 Time:	1803
Concentrated I	Extract Volume: 1000 (µL)	Dilution Factor: 1	Analys	st: KCB
Injection Volun	ne: 1.0 (µL)	Prep Method: 3550B		
GPC Cleanup: (Y/N) N pH:		Analytical Method: SW-846 8270		
CONCENTRA	TION UNITS: mg/kg COMPOUND	Prep Batch: 448916 RESULT	Analytical Bat	ch: 448983 RL
78-59-1	Isophorone	0.395 U	0.013	0.395
98-95-3	Nitrobenzene	0.395 U	0.018	0.395
87-86-5	Pentachlorophenol	1.98 U	0.032	1.98
35-01-8	Phenanthrene	0.493	0.016	0.079
108-95-2	Phenol	0.395 U	0.019	0.395
129-00-0	Pyrene	0.380 J	0.055	0.395
110-86-1	Pyridine	0.395 U	0.022	0.395
1319-77-3M	m,p-Cresol	0.395 U	0.070	0.395
621-64-7	N-Nitroso-di-n-propylamine	0.079 U	0.020	0.079
62-75-9	N-Nitrosodimethylamine	0.395 U	0.020	0.395
86-30-6	N-Nitrosodiphenylamine	0.395 U	0.013	0.395
95-48-7	o-Cresol	0.395 U	0.012	0.395

Lab Name: GC	AL	Sample ID: T-	-2-WEST		
Lab Code: LA02	24 Case No.:	Contract:			
SAS No.:	SDG No.: 211011405	Lab File ID: 2			
Matrix: Solid		Lab Sample ID:	2110114	0506	
Sample wt/vol:	30 Units: g	Date Collected:	01/13/11	Time:	1505
		Date Received:		(20,000)	
Level: (low/med)					
	.1 decanted: (Y/N)	Date Extracted:		1 - 12	4040
GC Column: RT	TX-5MS-30 ID: .25 (mm)	Date Analyzed:			1819
Concentrated Ext	tract Volume: 1000 (µL)	Dilution Factor:	1	Analy	st: KCB
Injection Volume:	1.0 (µL)	Prep Method:	3550B		
	7/N) N pH:	Analytical Meth	od: SW-8	46 8270	
Or o cleanup. (1	// K pr	Instrument ID:	MSSVA		
CONCENTRATIO	ON UNITS: mg/kg				
		Prep Batch: 4	148916	Analytical Ba	
CAS NO.	COMPOUND	RESULT		MDL	RL
122-66-7	1,2 Diphenylhydrazine	0.413	U	0.00939	0.413
95-95-4	2,4,5-Trichlorophenol	0.413	U	0.049	0.413
88-06-2	2,4,6-Trichlorophenol	0.413	U	0.065	0.413
120-83-2	2,4-Dichlorophenol	0.413	U	0.066	0.413
105-67-9	2,4-Dimethylphenol	0.413	U	0.053	0.413
51-28-5	2,4-Dinitrophenol	2.06	U	0.221	2.06
121-14-2	2,4-Dinitrotoluene	0.413	U	0.058	0.413
606-20-2	2,6-Dinitrotoluene	0.413	U	0.024	0.413
91-58-7	2-Chloronaphthalene	0.413	U	0.022	0.413
95-57-8	2-Chlorophenol	0.413	U	0.032	0.413
91-57-6	2-Methylnaphthalene	0.083	U	0.022	0.083
88-74-4	2-Nitroaniline	2.06	U	0.046	2.06
88-75-5	2-Nitrophenol	0.413	U	0.019	0.413
91-94-1	3,3'-Dichlorobenzidine	0.826	U	0.264	0.826
99-09-2	3-Nitroaniline	2.06	U	0.050	2.06
534-52-1	2-Methyl-4,6-dinitrophenol	2.06	U	0.041	2.06
101-55-3	4-Bromophenyl-phenylether	0.413	U	0.036	0.413
59-50-7	4-Chloro-3-methylphenol	0.413	U	0.033	0.413
106-47-8	4-Chloroaniline	0.413	U	0.041	0.413
7005-72-3	4-Chlorophenyl-phenylether	0.413	U	0.046	0.413
100-01-6	4-Nitroaniline	2.06	U	0.077	2.06
100-02-7	4-Nitrophenol	2.06	U	0.143	2.06
83-32-9	Acenaphthene	0.083	U	0.023	0.083
208-96-8	Acenaphthylene	0.083	U	0.014	0.083
98-86-2	Acetophenone	0.413	U	0.026	0.413
62-53-3	Aniline	0.413	U	0.022	0.413
120-12-7	Anthracene	0.083	U	0.015	0.083
1912-24-9	Atrazine (Aatrex)	0.826	U	0.061	0.826
100-52-7	Benzaldehyde	0.826	U	0.037	0.826

FORM I SV-1

Lab Name: 0	GCAL	Sample ID: T-2-WEST	
Lab Code: L	A024 Case No.:	Contract:	
SAS No.:	SDG No.: 211011405	Lab File ID: 2110114/e7	985
Matrix: Solid		Lab Sample ID: 211011	40506
Sample wt/vol:	30 Units: g	Date Collected: 01/13/1	1 Time: 1505
Level: (low/me	d) LOW	Date Received: 01/14/1	1
% Moisture:	20.1 decanted: (Y/N)	Date Extracted: 01/14/1	1
GC Column:	RTX-5MS-30 ID: .25 (mm)	Date Analyzed: 01/14/1	1 Time: 1819
Concentrated I	Extract Volume: 1000 (µL)	Dilution Factor: 1	Analyst: KCB
Injection Volun	ne: 1.0 (µL)	Prep Method: 3550B	
GPC Cleanup:	(Y/N) N pH:	Analytical Method: SW	-846 8270
		Instrument ID: MSSV4	
CONCENTRA	TION UNITS: mg/kg	Prep Batch: 448916	Analytical Batch: 448983
CAS NO.	COMPOUND	RESULT	MDL RL
92-87-5	Benzidine	2.06 U	2.06 2.06
56-55-3	Benzo(a)anthracene	0.083 U	0.018 0.083
50-32-8	Benzo(a)pyrene	0.083 U	0.024 0.083
205-99-2	Benzo(b)fluoranthene	0.413 U	0.013 0.413
191-24-2	Benzo(g,h,i)perylene	0.413 U	0.011 0.413
207-08-9	Benzo(k)fluoranthene	0.413 U	0.019 0.413
65-85-0	Benzoic acid	2.06 U	0.143 2.06
100-51-6	Benzyl alcohol	0.413 U	0.048 0.413
92-52-4	Biphenyl	0.029 J	0.014 0.413
111-91-1	Bis(2-Chloroethoxy)methane	0.413 U	0.023 0.413
111-44-4	Bis(2-Chloroethyl)ether	0.413 U	0.031 0.413
108-60-1	bis(2-Chloroisopropyl)ether	0.413 U	0.021 0.413
117-81-7	bis(2-ethylhexyl)phthalate	0.112	0.016 0.083
85-68-7	Butylbenzylphthalate	0.413 U	0.00871 0.413
105-60-2	Caprolactam	0.413 U	0.044 0.413
86-74-8	Carbazole	0.413 U	0.030 0.413
218-01-9	Chrysene	0.413 U	0.014 0.413
84-74-2	Di-n-butylphthalate	0.015 J	0.00997 0.413
117-84-0	Di-n-octylphthalate	0.413 U	0.014 0.413
53-70-3	Dibenz(a,h)anthracene	0.083 U	0.011 0.083
132-64-9	Dibenzofuran	0.413 U	0.014 0.413
34-66-2	Diethylphthalate	0.413 U	0.038 0.413
131-11-3	Dimethyl-phthalate	0.413 U	0.00914 0.413
206-44-0	Fluoranthene	0.413 U	0.00913 0.413
86-73-7	Fluorene	0.020 J	0.013 0.083
118-74-1	Hexachlorobenzene	0.413 U	0.049 0.413
77-47-4	Hexachlorocyclopentadiene	0.413 U	0.062 0.413
67-72-1	Hexachloroethane	0.413 U	0.061 0.413
193-39-5	Indeno(1,2,3-cd)pyrene	0.413 U	0.017 0.413

FORM I SV-1

Lab Name: _C	GCAL	Sample ID: T-2-WEST		
Lab Code: LA	A024 Case No.:	Contract:		
SAS No.:	SDG No.: 211011405	Lab File ID: 2110114/e7985		
Matrix: Solid		Lab Sample ID: 21101140506		
Sample wt/vol:	30 Units: g	Date Collected: 01/13/11 Time: 1505		
Level: (low/me	d) LOW	Date Received: 01/14/11		
% Moisture:	20.1 decanted: (Y/N)	Date Extracted: 01/14/11		
GC Column:	RTX-5MS-30 ID: .25 (mm)	Date Analyzed: 01/14/11 Time: 1819		
Concentrated I	Extract Volume: 1000 (µL)	Dilution Factor: 1 Analyst: KCB		
njection Volun	ne: 1.0 (µL)	Prep Method: 3550B		
	(Y/N) N pH:	Analytical Method: SW-846 8270		
CONCENTRA	TION UNITS: mg/kg COMPOUND	Instrument ID: MSSV4		
78-59-1	The second secon	0.413 U 0.014 0.413		
98-95-3	Isophorone Nitrobenzene	0.413 U 0.019 0.413		
87-86-5	Pentachlorophenol	2.06 U 0.034 2.06		
85-01-8	Phenanthrene	0.024 J 0.017 0.083		
108-95-2	Phenol	0.413 U 0.020 0.413		
129-00-0	Pyrene	0.413 U 0.058 0.413		
110-86-1	Pyridine	0.413 U 0.023 0.413		
1319-77-3M	m,p-Cresol	0.413 U 0.073 0.413		
621-64-7	N-Nitroso-di-n-propylamine	0.083 U 0.021 0.083		
62-75-9	N-Nitrosodimethylamine	0.413 U 0.021 0.413		
86-30-6	N-Nitrosodiphenylamine	0.413 U 0.013 0.413		
95-48-7	o-Cresol	0.413 U 0.013 0.413		

Lab Name: 0	GCAL	Sample ID: T-6-FLOOR	
Lab Code: L	A024 Case No.:	Contract:	
	SDG No.: 211011405	Lab File ID: 2110114/e7986	
Matrix: Solid		Lab Sample ID: 21101140507	
Sample wt/vol:	30.1 Units: g	Date Collected: 01/13/11	Time: 1535
Level: (low/me		Date Received: 01/14/11	
	26.0 decanted: (Y/N)	Date Extracted: 01/14/11	
	WARREST TO THE WARRES	Date Analyzed: 01/14/11	Time: 1836
	RTX-5MS-30 ID:25 (mm)	2 (2-000)	
Concentrated F	Extract Volume: 1000 (µL)	Dilution Factor: 1	Analyst: KCB
Injection Volun	ne: 1.0 (µL)	Prep Method: 3550B	
GPC Cleanup:	(Y/N) N pH:	Analytical Method: SW-846 8	270
		Instrument ID: MSSV4	
CONCENTRA	TION UNITS: mg/kg		
			Analytical Batch: 448983
CAS NO.	COMPOUND	RESULT	MDL RL
122-66-7	1,2 Diphenylhydrazine	0.445 U	0.010 0.445
95-95-4	2,4,5-Trichlorophenol	0.445 U	0.053 0.445
88-06-2	2,4,6-Trichlorophenol	0.445 U	0.070 0.445
120-83-2	2,4-Dichlorophenol	0.445 U	0.072 0.445
105-67-9	2,4-Dimethylphenol	0.445 U	0.057 0.445
51-28-5	2,4-Dinitrophenol	2.22 U	0.238 2.22
121-14-2	2,4-Dinitrotoluene	0.445 U	0.063 0.445
606-20-2	2,6-Dinitrotoluene	0.445 U	0.026 0.445
91-58-7	2-Chloronaphthalene	0.445 U	0.024 0.445
95-57-8	2-Chlorophenol	0.445 U	0.034 0.445
91-57-6	2-Methylnaphthalene	0.089 U	0.024 0.089
88-74-4	2-Nitroaniline	2.22 U	0.050 2.22
88-75-5	2-Nitrophenol	0.445 U	0.020 0.445
91-94-1	3,3'-Dichlorobenzidine	0.889 U	0.284 0.889
99-09-2	3-Nitroaniline	2.22 U	0.054 2.22
534-52-1	2-Methyl-4,6-dinitrophenol	2.22 U	0.044 2.22
101-55-3	4-Bromophenyl-phenylether	0.445 U	0.039 0.445
59-50-7	4-Chloro-3-methylphenol	0.445 U	0.035 0.445
106-47-8	4-Chloroaniline	0.445 U	0.044 0.445
7005-72-3	4-Chlorophenyl-phenylether	0.445 U	0.049 0.445
100-01-6	4-Nitroaniline	2.22 U	0.083 2.22
100-02-7	4-Nitrophenol	2.22 U	0.154 2.22
83-32-9	Acenaphthene	0.089 U	0.025 0.089
208-96-8	Acenaphthylene	0.089 U	0.015 0.089
98-86-2	Acetophenone	0.046 J	0.028 0.445
62-53-3	Aniline	0.445 U	0.024 0.445
120-12-7	Anthracene	0.089 U	0.016 0.089
1912-24-9	Atrazine (Aatrex)	0.889 U	0.066 0.889
100-52-7	Benzaldehyde	0.889 U	0.040 0.889

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Lab Name: GC	AL	Sample ID: T-6-FLOOR	
Lab Code: LA0	24 Case No.:	Contract:	
SAS No.:	SDG No.: 211011405	Lab File ID: 2110114/e7986	
Matrix: Solid		Lab Sample ID: 21101140507	
Sample wt/vol:	30.1 Units: g	Date Collected: 01/13/11	Time: 1535
Level: (low/med)	LOW	Date Received: 01/14/11	
% Moisture: 26	decanted: (Y/N)	Date Extracted: 01/14/11	
GC Column: R1	TX-5MS-30 ID: .25 (mm)	Date Analyzed: 01/14/11	Time: 1836
Concentrated Ex	tract Volume: 1000 (µL)	Dilution Factor: 1	Analyst: KCB
	: 1.0 (µL)	Prep Method: 3550B	
	//N) N pH:	Analytical Method: SW-846 8270	
or o oloumap. (Instrument ID: MSSV4	
CONCENTRATIO	ON UNITS: mg/kg	Prep Batch: 448916 Analy	tical Batch: 448983
CAS NO.	COMPOUND	RESULT MD	-
92-87-5	Benzidine	2.22 U 2.2	
56-55-3	Benzo(a)anthracene	0.089 U 0.01	
50-32-8	Benzo(a)pyrene	0.089 U 0.02	12 (1000)
205-99-2	Benzo(b)fluoranthene	0.445 U 0.01	7.000,000
191-24-2	Benzo(g,h,i)perylene	0.445 U 0.01	
207-08-9	Benzo(k)fluoranthene	0.445 U 0.02	
65-85-0	Benzoic acid	2.22 U 0.15	
100-51-6	Benzyl alcohol	0.445 U 0.05	
92-52-4	Biphenyl	0.445 U 0.01	
111-91-1	Bis(2-Chloroethoxy)methane	0.445 U 0.02	100
111-44-4	Bis(2-Chloroethyl)ether	0.445 U 0.03	55
108-60-1	bis(2-Chloroisopropyl)ether	0.445 U 0.02	
117-81-7	bis(2-ethylhexyl)phthalate	0.089 U 0.01	
85-68-7	Butylbenzylphthalate	0.445 U 0.009	
105-60-2	Caprolactam	0.445 U 0.04	
86-74-8	Carbazole	0.445 U 0.03	
218-01-9	Chrysene	0.445 U 0.01	1000 IASS/2/ASSA
84-74-2	Di-n-butylphthalate	0.013 J 0.01	44 44 44 44 44 44 44 44 44 44 44 44 44
117-84-0	Di-n-octylphthalate	0.445 U 0.01	0.8990613
53-70-3	Dibenz(a,h)anthracene	0.089 U 0.01	12 0.089
132-64-9	Dibenzofuran	0.445 U 0.01	15 0.445
84-66-2	Diethylphthalate	0.445 U 0.04	
131-11-3	Dimethyl-phthalate	0.445 U 0.009	
206-44-0	Fluoranthene	0.445 U 0.009	
86-73-7	Fluorene	0.089 U 0.01	2002
118-74-1	Hexachlorobenzene	0.445 U 0.05	
77-47-4	Hexachlorocyclopentadiene	0.445 U 0.06	
67-72-1	Hexachloroethane	0.445 U 0.06	
193-39-5	Indeno(1,2,3-cd)pyrene	0.445 U 0.01	18 0.445

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Lab Name: _C	GCAL	Sample ID: T-6-FLOOR		
Lab Code: L	A024 Case No.:	Contract:		
SAS No.:	SDG No.: 211011405	Lab File ID: 2110114/e7	986	
Matrix: Solid		Lab Sample ID: 211011	40507	
Sample wt/vol:	30.1 Units: g	Date Collected: 01/13/1	1 Time: 1	535
Level: (low/me	d) LOW	Date Received: 01/14/1	1	
% Moisture:	26.0 decanted: (Y/N)	Date Extracted: 01/14/1	1	
GC Column:	RTX-5MS-30 ID: .25 (mm)	Date Analyzed: 01/14/1	1 Time:	1836
Concentrated I	Extract Volume: 1000 (µL)	Dilution Factor: 1	Analyst	KCB
Injection Volun	ne: 1.0 (µL)	Prep Method: 3550B		
GPC Cleanup:	(Y/N) N pH:	Analytical Method: SW-	-846 8270	
CONCENTRA	TION UNITS: mg/kg COMPOUND	Prep Batch: 448916 RESULT	Analytical Batch	n: 448983 RL
78-59-1	Isophorone	0.445 U	0.015	0.445
98-95-3	Nitrobenzene	0.445 U	0.021	0.445
87-86-5	Pentachlorophenol	2.22 U	0.036	2.22
85-01-8	Phenanthrene	0.089 U	0.018	0.089
108-95-2	Phenol	0.445 U	0.022	0.445
129-00-0	Pyrene	0.445 U	0.062	0.445
110-86-1	Pyridine	0.445 U	0.025	0.445
1319-77-3M	m,p-Cresol	0.445 U	0.078	0.445
621-64-7	N-Nitroso-di-n-propylamine	0.089 U.	0.023	0.089
62-75-9	N-Nitrosodimethylamine	0.445 U	0.023	0.445
86-30-6	N-Nitrosodiphenylamine	0.445 U	0.014	0.445
95-48-7	o-Cresol	0.445 U	0.014	0.445

Lab Name: 0	GCAL	Sample ID: T-6-EAST	
Lab Code: L	A024 Case No.:	Contract:	
SAS No.:	SDG No.: 211011405	Lab File ID: 2110114/e798	7
Matrix: Solid		Lab Sample ID: 21101140	508
Sample wt/vol:	30 Units: g	Date Collected: 01/13/11	Time: 1555
	d) LOW	Date Received: 01/14/11	
	26.5 decanted: (Y/N)	Date Extracted: 01/14/11	
	RTX-5MS-30 ID: .25 (mm)	Date Analyzed: 01/14/11	Time: 1853
	Extract Volume: 1000 (µL)	Dilution Factor: 1	Analyst: KCB
		Prep Method: 3550B	
	ne: (µL)	Analytical Method: SW-84	6 8270
GPC Cleanup:	(Y/N) N pH:	a de la companya del companya del companya de la co	0 0270
CONCENTRA	TION UNITS: mg/kg	Instrument ID: MSSV4	Analytical Patchi (44000)
CASNO	COMPOUND	Prep Batch: 448916	
CAS NO.	COMPOUND	RESULT	MDL RL
122-66-7	1,2 Diphenylhydrazine	0.449 U	0.010 0.449
95-95-4	2,4,5-Trichlorophenol	0.449 U	0.054 0.449
88-06-2	2,4,6-Trichlorophenol	0.449 U	0.070 0.449
120-83-2	2,4-Dichlorophenol	0.449 U	0.072 0.449
105-67-9	2,4-Dimethylphenol	0.449 U	0.057 0.449
51-28-5	2,4-Dinitrophenol	2.24 U	0.241 2.24
121-14-2	2,4-Dinitrotoluene	0.449 U	0.063 0.449
606-20-2	2,6-Dinitrotoluene	0.449 U	0.027 0.449
91-58-7	2-Chloronaphthalene	0.449 U	0.024 0.449
95-57-8	2-Chlorophenol	0.449 U	0.035 0.449
91-57-6	2-Methylnaphthalene	1.29	0.024 0.090
88-74-4	2-Nitroaniline	2.24 U	0.050 2.24
88-75-5	2-Nitrophenol	0.449 U	0.021 0.449
91-94-1	3,3'-Dichlorobenzidine	0.898 U	0.287 0.898
99-09-2	3-Nitroaniline	2.24 U	0.055 2.24
534-52-1	2-Methyl-4,6-dinitrophenol	2.24 U	0.044 2.24
101-55-3	4-Bromophenyl-phenylether	0.449 U	0.040 0.449
59-50-7	4-Chloro-3-methylphenol	0.449 U	0.035 0.449
106-47-8	4-Chloroaniline	0.449 U	0.045 0.449
7005-72-3	4-Chlorophenyl-phenylether	0.449 U	0.050 0.449
100-01-6	4-Nitroaniline	2.24 U	0.084 2.24
100-02-7	4-Nitrophenol	2.24 U	0.155 2.24
83-32-9	Acenaphthene	0.233	0.025 0.090
208-96-8	Acenaphthylene	0.574	0.015 0.090
98-86-2	Acetophenone	0.951	0.028 0.449
62-53-3	Aniline	0.449 U	0.024 0.449
120-12-7	Anthracene	0.072 J	0.016 0.090
1912-24-9	Atrazine (Aatrex)	0.898 U	0.066 0.898
100-52-7	Benzaldehvde	0.898 U	0.040 0.898

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Lab Name: G	SCAL	Sample ID: T-6-EAST	
Lab Code: LA	A024 Case No.:	Contract:	
SAS No.:	SDG No.: 211011405	Lab File ID: 2110114/e7	987
Matrix: Solid		Lab Sample ID: 211011	40508
Sample wt/vol:	30 Units: g	Date Collected: 01/13/1	1 Time: 1555
Level: (low/med	d) LOW	Date Received: 01/14/1	1
% Moisture:	26.5 decanted: (Y/N)	Date Extracted: 01/14/1	1
GC Column: _I	RTX-5MS-30 ID: .25 (mm)	Date Analyzed: 01/14/1	1 Time: 1853
Concentrated E	Extract Volume: 1000 (µL)	Dilution Factor: 1	Analyst: KCB
Injection Volum	ne: 1.0 (µL)	Prep Method: 3550B	
	(Y/N) N pH:	Analytical Method: SW-	846 8270
	TION UNITS: mg/kg COMPOUND	Prep Batch: 448916 RESULT	Analytical Batch: 448983
92-87-5	Benzidine	2.24 U	2.24 2.24
56-55-3	Benzo(a)anthracene	0.090 U	0.019 0.090
50-32-8	Benzo(a)pyrene	0.090 U	0.026 0.090
205-99-2	Benzo(b)fluoranthene	0.449 U	0.014 0.449
191-24-2	Benzo(g,h,i)perylene	0.449 U	0.012 0.449
207-08-9	Benzo(k)fluoranthene	0.449 U	0.021 0.449
65-85-0	Benzoic acid	2.24 U	0.155 2.24
100-51-6	Benzyl alcohol	0.449 U	0.052 0.449
92-52-4	Biphenyl	0.435 J	0.015 0.449
111-91-1	Bis(2-Chloroethoxy)methane	0.449 U	0.025 0.449
111-44-4	Bis(2-Chloroethyl)ether	0.449 U	0.034 0.449
108-60-1	bis(2-Chloroisopropyl)ether	0.449 U	0.023 0.449
117-81-7	bis(2-ethylhexyl)phthalate	0.090 U	0.017 0.090
85-68-7	Butylbenzylphthalate	0.449 U	0.00947 0.449
105-60-2	Caprolactam	0.449 U	0.048 0.449
86-74-8	Carbazole	0.449 U	0.032 0.449
218-01-9	Chrysene	0.449 U	0.015 0.449
84-74-2	Di-n-butylphthalate	0.449 U	0.011 0.449
117-84-0	Di-n-octylphthalate	0.449 U	0.015 0.449
53-70-3	Dibenz(a,h)anthracene	0.090 U	0.012 0.090
132-64-9	Dibenzofuran	0.449 U	0.016 0.449
84-66-2	Diethylphthalate	0.449 U	0.041 0.449
131-11-3	Dimethyl-phthalate	0.449 U	0.00994 0.449
206-44-0	Fluoranthene	0.040 J	0.00993 0.449
86-73-7	Fluorene	0.268	0.014 0.090
118-74-1	Hexachlorobenzene	0.449 U	0.054 0.449
77-47-4	Hexachlorocyclopentadiene	0.449 U	0.067 0.449
67-72-1	Hexachloroethane	0.449 U	0.067 0.449
193-39-5	Indeno(1,2,3-cd)pyrene	0.449 U	0.018 0.449

FORM I SV-1

Lab Name: _C	GCAL	Sample ID: T-6-EAST		
Lab Code: L	A024 Case No.:	Contract:		
SAS No.:	SDG No.: 211011405	Lab File ID: 2110114/e7987		
Matrix: Solid		Lab Sample ID: 21101140508		
Sample wt/vol:	30 Units: g	Date Collected: 01/13/11 Time: 1555		
Level: (low/me	d) LOW	Date Received: 01/14/11		
% Moisture:	26.5 decanted: (Y/N)	Date Extracted: 01/14/11		
GC Column:	RTX-5MS-30 ID: .25 (mr	Date Analyzed: 01/14/11 Time: 1853		
Concentrated I	Extract Volume: 1000 (µl) Dilution Factor: 1 Analyst: KCB		
Injection Volun	ne: 1.0 (µl) Prep Method: 3550B		
GPC Cleanup: (Y/N) N pH:		Analytical Method: SW-846 8270		
		Instrument ID: MSSV4		
CONCENTRA	TION UNITS: mg/kg	Prep Batch: 448916 Analytical Batch: 448983		
CAS NO.	COMPOUND	RESULT MDL RL		
78-59-1	Isophorone	0.449 U 0.015 0.449		
98-95-3	Nitrobenzene	0.449 U 0.021 0.449		
87-86-5	Pentachlorophenol	2.24 U 0.037 2.24		
85-01-8	Phenanthrene	0.290 0.018 0.090		
108-95-2	Phenol	0.449 U 0.022 0.449		
129-00-0	Pyrene	0.063 J 0.063 0.449		
110-86-1	Pyridine	0.449 U 0.025 0.449		
1319-77-3M	m,p-Cresol	0.174 J 0.079 0.449		
621-64-7	N-Nitroso-di-n-propylamine	0.090 U 0.023 0.090		
62-75-9	N-Nitrosodimethylamine	0.449 U 0.023 0.449		
86-30-6	N-Nitrosodiphenylamine	0.449 U 0.014 0.449		
95-48-7	o-Cresol	0.156 J 0.014 0.449		

106-47-8 4-Chloroaniline 0.441 U 0.044 0.441 7005-72-3 4-Chlorophenyl-phenylether 0.441 U 0.049 0.441 100-01-6 4-Nitroaniline 2.20 U 0.082 2.20 100-02-7 4-Nitrophenol 2.20 U 0.152 2.20 83-32-9 Acenaphthene 0.084 J 0.025 0.088 208-96-8 Acenaphthylene 0.037 J 0.015 0.088 98-86-2 Acetophenone 0.487 0.027 0.441 62-53-3 Aniline 0.441 U 0.024 0.441 120-12-7 Anthracene 0.088 U 0.015 0.088 1912-24-9 Atrazine (Aatrex) 0.882 U 0.065 0.882	Lab Name: (GCAL	Sample ID: T-6-SOUTH	
SAS No.: SDG No.: 211011405 Lab File ID: 211011407988 Lab Sample wilvoi: Solid Lab Sample wilvoi: 30.4 Units: g	Lab Code: L	A024 Case No.:	Contract:	
Matrix: Solid Lab Sample Ditable Date Collected: 01/13/11 Time: 1615				
Level: (low/med) LOW Date Received: 01/14/11 Date Extracted: 01/14/11 Date Extracted: 01/14/11 Time: 1909 Date Received: 01/14/11 Time: 1909 Date Analyzed: 01/14/11 Date Analyzed: 01/14/14 Date Analyzed:			Lab Sample ID: 2110114	40509
Level: (low/med) LOW Date Received: 01/14/11 Date Extracted: 01/14/11 Date Extracted: 01/14/11 Time: 1909 Date Received: 01/14/11 Time: 1909 Date Analyzed: 01/14/11 Date Analyzed: 01/14/14 Date Analyzed:	Sample wt/vol	: 30.4 Units: g	Date Collected: 01/13/1	1 Time: 1615
% Moisture: 26.1 decanted: (Y/N) Date Extracted: 01/14/11 Time: 1909 GC Column: RTX-5MS-30 ID: .25 (mm) Date Analyzed: 01/14/11 Time: 1909 Concentrated Extract Volume: 1.0 (μL) Prep Method: 3550B Analyst: KCB Injection Volume: 1.0 (μL) Prep Method: 3550B Analytical Method: SW-846 8270 GPC Cleanup: (Y/N) N pH: Analytical Method: SW-846 8270 Instrument ID: MSSV4 CONCENTRATION UNITS: mg/kg Prep Batch: 448916 Analytical Batch: 448983 RESULT MDL RE RESULT MDL RE University of Market Method: SW-846 8270 Instrument ID: MSV4 CONCENTRATION UNITS: mg/kg Prep Batch: 448916 Analytical Batch: 448983 CAS Dispensyll sylling of Market Method: SW-846 8270 MDL			Date Received: 01/14/1	1
Date Analyzed: 01/14/11 Time: 1909 Ti		2017.	Date Extracted: 01/14/1	1
Concentrated Extract Volume: 1.00			Date Analyzed: 01/14/1	1 Time: 1909
Injection Volume: 1.0	,			
Analytical Method: SW-846 8270 Instrument ID: MSSV4		AH	the track of the second	
Instrument ID: MSSV4				
CONCENTRATION UNITS: mg/kg Prep Batch: 448916 Analytical Batch: 448983 CAS NO. COMPOUND RESULT MDL RL 122-66-7 1,2 Diphenylhydrazine 0.441 U 0.010 0.441 88-96-4 2,4,6-Trichlorophenol 0.441 U 0.053 0.441 120-83-2 2,4-Dichlorophenol 0.441 U 0.069 0.441 105-67-9 2,4-Dimitrophenol 0.441 U 0.056 0.441 105-67-9 2,4-Dinitrophenol 2.20 U 0.0236 2.20 121-14-2 2,4-Dinitrotoluene 0.441 U 0.062 0.441 606-20-2 2,6-Dinitrotoluene 0.441 U 0.062 0.441 91-58-7 2-Chlorophenol 0.441 U 0.024 0.441 91-57-8 2-Chlorophenol 0.441 U 0.024 0.441 91-57-8 2-Chlorophenol 0.441 U 0.034 0.441 91-57-8	GPC Cleanup:	(Y/N) N pH:	Analytical Method: SW-	846 8270
CAS NO. COMPOUND RESULT MDL RL 122-66-7 1,2 Diphenylhydrazine 0.441 U 0.010 0.441 95-95-4 2,4,5-Trichlorophenol 0.441 U 0.053 0.441 88-06-2 2,4,6-Trichlorophenol 0.441 U 0.069 0.441 120-83-2 2,4-Dichlorophenol 0.441 U 0.071 0.441 105-67-9 2,4-Dinitrophenol 0.441 U 0.056 0.441 15-28-5 2,4-Dinitrophenol 2.20 U 0.236 2.20 121-14-2 2,4-Dinitrotoluene 0.441 U 0.062 0.441 91-88-7 2-Chlorophenol 0.441 U 0.062 0.441 91-57-8 2-Chlorophenol 0.441 U 0.024 0.441 91-57-8 2-Chlorophenol 0.441 U 0.034 0.441 91-57-8 2-Chlorophenol 0.441 U 0.034 0.441 91-57-8 2-Methylnaphthalene <td>CONCENTRA</td> <td>TION UNITS: mg/kg</td> <td>STATE CONTROL OF STATE OF STAT</td> <td>A</td>	CONCENTRA	TION UNITS: mg/kg	STATE CONTROL OF STATE OF STAT	A
122-66-7 1,2 Diphenylhydrazine 0.441 U 0.010 0.441 95-95-4 2,4,5-Trichlorophenol 0.441 U 0.053 0.441 88-06-2 2,4,6-Trichlorophenol 0.441 U 0.069 0.441 120-83-2 2,4-Dichlorophenol 0.441 U 0.071 0.441 15-67-9 2,4-Dimitrophenol 0.241 U 0.056 0.441 51-28-5 2,4-Dinitrotoluene 0.441 U 0.062 0.441 606-20-2 2,6-Dinitrotoluene 0.441 U 0.062 0.441 95-57-8 2-Chloronaphthalene 0.441 U 0.026 0.441 95-57-8 2-Chlorophenol 0.441 U 0.024 0.441 91-57-6 2-Methylnaphthalene 0.550 0.024 0.088 88-74-4 2-Nitroaniline 2.20 U 0.050 2.20 88-75-5 2-Nitrophenol 0.441 U 0.024 0.882 99-9-2 3-Ni	CASNO	COMPOUND	STREET WENT DOOR	ACCUPATION SECURITION SECURITION
95-95-4 2,4,5-Trichlorophenol 0.441 U 0.063 0.441 88-06-2 2,4,6-Trichlorophenol 0.441 U 0.069 0.441 120-83-2 2,4-Dichlorophenol 0.441 U 0.071 0.441 152-63-2 2,4-Dichlorophenol 0.441 U 0.071 0.441 155-67-9 2,4-Dimitrophenol 0.441 U 0.056 0.441 155-67-9 2,4-Dimitrophenol 0.441 U 0.056 0.441 0.062 0.062 0.06	CAS NO.	COMPOUND	KESULI	MDL KL
88-06-2 2,4,6-Trichlorophenol 0.441 U 0.069 0.441 120-83-2 2,4-Dichlorophenol 0.441 U 0.071 0.441 105-67-9 2,4-Dimethylphenol 0.441 U 0.056 0.441 51-28-5 2,4-Dinitrophenol 2.20 U 0.236 2.20 121-14-2 2,4-Dinitrotoluene 0.441 U 0.062 0.441 606-20-2 2,6-Dinitrotoluene 0.441 U 0.026 0.441 91-58-7 2-Chloronaphthalene 0.441 U 0.024 0.441 95-57-8 2-Chlorophenol 0.441 U 0.034 0.441 91-57-8 2-Mitrophenol 0.441 U 0.050 2.20 88-75-5 2-Nitrophenol 0.441 U 0.050 2.20 88-75-5 <td>122-66-7</td> <td>1,2 Diphenylhydrazine</td> <td>709719040</td> <td>0.010 0.441</td>	122-66-7	1,2 Diphenylhydrazine	709719040	0.010 0.441
120-83-2	95-95-4	2,4,5-Trichlorophenol	0.441 U	0.053 0.441
105-67-9 2,4-Dimethylphenol 0.441 U 0.056 0.441 51-28-5 2,4-Dinitrophenol 2.20 U 0.236 2.20 121-14-2 2,4-Dinitrotoluene 0.441 U 0.062 0.441 606-20-2 2,6-Dinitrotoluene 0.441 U 0.026 0.441 91-58-7 2-Chlorophenol 0.441 U 0.024 0.441 91-57-8 2-Chlorophenol 0.441 U 0.034 0.441 91-57-6 2-Methylnaphthalene 0.550 0.024 0.088 88-74-4 2-Nitroaniline 2.20 U 0.050 2.20 88-75-5 2-Nitrophenol 0.441 U 0.020 0.441 91-94-1 3,3'-Dichlorobenzidine 0.882 U 0.282 0.882 99-09-2 3-Nitroaniline 2.20 U 0.054 2.20 101-55-3 4-Bromophenyl-phenylether 0.441 U 0.039 0.441 105-47-8 4-Chloro-3-m	88-06-2	2,4,6-Trichlorophenol	0.441 U	0.069 0.441
51-28-5 2,4-Dinitrophenol 2.20 U 0.236 2.20 121-14-2 2,4-Dinitrotoluene 0.441 U 0.062 0.441 606-20-2 2,6-Dinitrotoluene 0.441 U 0.026 0.441 91-58-7 2-Chlorophenol 0.441 U 0.024 0.441 95-57-8 2-Chlorophenol 0.441 U 0.034 0.441 91-57-6 2-Methylnaphthalene 0.550 0.024 0.088 88-74-4 2-Nitroaniline 2.20 U 0.050 2.20 88-75-5 2-Nitrophenol 0.441 U 0.020 0.441 91-94-1 3,3'-Dichlorobenzidine 0.882 U 0.282 0.882 99-09-2 3-Nitroaniline 2.20 U 0.054 2.20 534-52-1 2-Methyl-4,6-dinitrophenol 2.20 U 0.043 2.20 101-55-3 4-Bromophenyl-phenylether 0.441 U 0.039 0.441 59-50-7 4-Chlor	120-83-2	2,4-Dichlorophenol	0.441 U	0.071 0.441
121-14-2 2,4-Dinitrotoluene 0.441 U 0.062 0.441 606-20-2 2,6-Dinitrotoluene 0.441 U 0.026 0.441 91-58-7 2-Chlorophenol 0.441 U 0.024 0.441 95-57-8 2-Chlorophenol 0.441 U 0.034 0.441 91-57-6 2-Methylnaphthalene 0.550 0.024 0.088 88-74-4 2-Nitroaniline 2.20 U 0.050 2.20 88-75-5 2-Nitrophenol 0.441 U 0.020 0.441 91-94-1 3,3'-Dichlorobenzidine 0.882 U 0.282 0.882 99-09-2 3-Nitroaniline 2.20 U 0.054 2.20 534-52-1 2-Methyl-4,6-dinitrophenol 2.20 U 0.043 2.20 101-55-3 4-Bromophenyl-phenylether 0.441 U 0.039 0.441 59-50-7 4-Chloro-3-methylphenol 0.441 U 0.035 0.441 106-47-8 <t< td=""><td>105-67-9</td><td>2,4-Dimethylphenol</td><td>0.441 U</td><td>0.056 0.441</td></t<>	105-67-9	2,4-Dimethylphenol	0.441 U	0.056 0.441
606-20-2 2,6-Dinitrotoluene 0.441 U 0.026 0.441 91-58-7 2-Chloronaphthalene 0.441 U 0.024 0.441 95-57-8 2-Chlorophenol 0.441 U 0.034 0.441 91-57-6 2-Methylnaphthalene 0.550 0.024 0.088 88-74-4 2-Nitroaniline 2.20 U 0.050 2.20 88-75-5 2-Nitrophenol 0.441 U 0.020 0.441 91-94-1 3,3'-Dichlorobenzidine 0.882 U 0.282 0.882 99-09-2 3-Nitroaniline 2.20 U 0.054 2.20 534-52-1 2-Methyl-4,6-dinitrophenol 2.20 U 0.043 2.20 101-55-3 4-Bromophenyl-phenylether 0.441 U 0.039 0.441 59-50-7 4-Chloro-3-methylphenol 0.441 U 0.035 0.441 106-47-8 4-Chlorophenyl-phenylether 0.441 U 0.044 0.441 100-01-6 <td>51-28-5</td> <td>2,4-Dinitrophenol</td> <td>2.20 U</td> <td>0.236 2.20</td>	51-28-5	2,4-Dinitrophenol	2.20 U	0.236 2.20
91-58-7 2-Chloronaphthalene 0.441 U 0.024 0.441 95-57-8 2-Chlorophenol 0.441 U 0.034 0.441 91-57-6 2-Methylnaphthalene 0.550 0.024 0.088 88-74-4 2-Nitroaniline 2.20 U 0.050 2.20 88-75-5 2-Nitrophenol 0.441 U 0.020 0.441 91-94-1 3,3'-Dichlorobenzidine 0.882 U 0.282 0.882 99-09-2 3-Nitroaniline 2.20 U 0.054 2.20 534-52-1 2-Methyl-4,6-dinitrophenol 2.20 U 0.043 2.20 101-55-3 4-Bromophenyl-phenylether 0.441 U 0.039 0.441 59-50-7 4-Chloro-3-methylphenol 0.441 U 0.035 0.441 106-47-8 4-Chlorophenyl-phenylether 0.441 U 0.044 0.441 100-01-6 4-Nitroaniline 2.20 U 0.082 2.20 100-02-7	121-14-2	2,4-Dinitrotoluene	0.441 U	0.062 0.441
95-57-8 2-Chlorophenol 0.441 U 0.034 0.441 91-57-6 2-Methylnaphthalene 0.550 0.024 0.088 88-74-4 2-Nitroaniline 2.20 U 0.050 2.20 88-75-5 2-Nitrophenol 0.441 U 0.020 0.441 91-94-1 3,3'-Dichlorobenzidine 0.882 U 0.282 0.882 99-09-2 3-Nitroaniline 2.20 U 0.054 2.20 534-52-1 2-Methyl-4,6-dinitrophenol 2.20 U 0.043 2.20 101-55-3 4-Bromophenyl-phenylether 0.441 U 0.039 0.441 59-50-7 4-Chloro-3-methylphenol 0.441 U 0.035 0.441 106-47-8 4-Chloroaniline 0.441 U 0.044 0.441 100-01-6 4-Nitroaniline 0.441 U 0.049 0.441 100-01-6 4-Nitroaniline 0.0441 U 0.082 2.20 100-02-7 4-Nitrophenol 2.20 U 0.082 2.20 100-02-7 4-Nitrophenol 2.20 U 0.055 0.088 208-96-8 Acenaphthene 0.084 J 0.025 0.088 208-96-8 Acenaphthylene 0.037 J 0.015 0.088 98-86-2 Acetophenone 0.487 0.027 0.441 120-12-7 Anthracene 0.088 U 0.015 0.088 1912-24-9 Atrazine (Aatrex) 0.882 U 0.065 0.882	606-20-2	2,6-Dinitrotoluene	0.441 U	0.026 0.441
91-57-6 2-Methylnaphthalene 0.550 0.024 0.088 88-74-4 2-Nitroaniline 2.20 U 0.050 2.20 88-75-5 2-Nitrophenol 0.441 U 0.020 0.441 91-94-1 3,3'-Dichlorobenzidine 0.882 U 0.282 0.882 99-09-2 3-Nitroaniline 2.20 U 0.043 2.20 534-52-1 2-Methyl-4,6-dinitrophenol 2.20 U 0.043 2.20 101-55-3 4-Bromophenyl-phenylether 0.441 U 0.039 0.441 59-50-7 4-Chloro-3-methylphenol 0.441 U 0.035 0.441 106-47-8 4-Chlorophenyl-phenylether 0.441 U 0.044 0.441 100-01-6 4-Nitroaniline 2.20 U 0.042 0.441 100-02-7 4-Nitrophenol 2.20 U 0.082 2.20 38-32-9 Acenaphthene 0.084 J 0.025 0.088 208-96-8 <td< td=""><td>91-58-7</td><td>2-Chloronaphthalene</td><td>0.441 U</td><td>0.024 0.441</td></td<>	91-58-7	2-Chloronaphthalene	0.441 U	0.024 0.441
88-74-4 2-Nitroaniline 2.20 U 0.050 2.20 88-75-5 2-Nitrophenol 0.441 U 0.020 0.441 91-94-1 3,3'-Dichlorobenzidine 0.882 U 0.282 0.882 99-09-2 3-Nitroaniline 2.20 U 0.054 2.20 534-52-1 2-Methyl-4,6-dinitrophenol 2.20 U 0.043 2.20 101-55-3 4-Bromophenyl-phenylether 0.441 U 0.039 0.441 59-50-7 4-Chloro-3-methylphenol 0.441 U 0.035 0.441 106-47-8 4-Chloroaniline 0.441 U 0.044 0.441 100-57-2-3 4-Chlorophenyl-phenylether 0.441 U 0.049 0.441 100-01-6 4-Nitroaniline 2.20 U 0.082 2.20 100-02-7 4-Nitrophenol 2.20 U 0.152 2.20 83-32-9 Acenaphthene 0.084 J 0.025 0.088 208-96-8	95-57-8	2-Chlorophenol	0.441 U	0.034 0.441
88-75-5 2-Nitrophenol 0.441 U 0,020 0.441 91-94-1 3,3'-Dichlorobenzidine 0.882 U 0.282 0.882 99-09-2 3-Nitroaniline 2.20 U 0.054 2.20 534-52-1 2-Methyl-4,6-dinitrophenol 2.20 U 0.043 2.20 101-55-3 4-Bromophenyl-phenylether 0.441 U 0.039 0.441 59-50-7 4-Chloro-3-methylphenol 0.441 U 0.035 0.441 106-47-8 4-Chloroaniline 0.441 U 0.044 0.441 7005-72-3 4-Chlorophenyl-phenylether 0.441 U 0.049 0.441 100-01-6 4-Nitroaniline 2.20 U 0.082 2.20 100-02-7 4-Nitrophenol 2.20 U 0.152 2.20 83-32-9 Acenaphthene 0.084 J 0.025 0.088 208-96-8 Acenaphthylene 0.037 J 0.015 0.088 98-86-2 Acetophenone 0.441 U 0.024 0.441	91-57-6	2-Methylnaphthalene	0.550	0.024 0.088
91-94-1 3,3'-Dichlorobenzidine 0.882 U 0.282 0.882 99-09-2 3-Nitroaniline 2.20 U 0.054 2.20 534-52-1 2-Methyl-4,6-dinitrophenol 2.20 U 0.043 2.20 101-55-3 4-Bromophenyl-phenylether 0.441 U 0.039 0.441 59-50-7 4-Chloro-3-methylphenol 0.441 U 0.035 0.441 106-47-8 4-Chloroaniline 0.441 U 0.044 0.441 7005-72-3 4-Chlorophenyl-phenylether 0.441 U 0.049 0.441 100-01-6 4-Nitroaniline 2.20 U 0.082 2.20 100-02-7 4-Nitrophenol 2.20 U 0.152 2.20 83-32-9 Acenaphthene 0.084 J 0.025 0.088 208-96-8 Acenaphthylene 0.037 J 0.015 0.088 98-86-2 Acetophenone 0.487 0.027 0.441 120-12-7 Anthracene 0.088 U 0.015 0.088 1912-24-9 Atrazine (Aatrex) 0.882 U 0.065 0.882	88-74-4	2-Nitroaniline	2.20 U	0.050 2.20
99-09-2 3-Nitroaniline 2.20 U 0.054 2.20 534-52-1 2-Methyl-4,6-dinitrophenol 2.20 U 0.043 2.20 101-55-3 4-Bromophenyl-phenylether 0.441 U 0.039 0.441 59-50-7 4-Chloro-3-methylphenol 0.441 U 0.035 0.441 106-47-8 4-Chloroaniline 0.441 U 0.044 0.441 7005-72-3 4-Chlorophenyl-phenylether 0.441 U 0.049 0.441 100-01-6 4-Nitroaniline 2.20 U 0.082 2.20 100-02-7 4-Nitrophenol 2.20 U 0.152 2.20 83-32-9 Acenaphthene 0.084 J 0.025 0.088 208-96-8 Acenaphthylene 0.037 J 0.015 0.088 98-86-2 Acetophenone 0.487 0.027 0.441 62-53-3 Aniline 0.441 U 0.024 0.441 120-12-7 Anthracene	88-75-5	2-Nitrophenol	0.441 U	0.020 0.441
534-52-1 2-Methyl-4,6-dinitrophenol 2.20 U 0.043 2.20 101-55-3 4-Bromophenyl-phenylether 0.441 U 0.039 0.441 59-50-7 4-Chloro-3-methylphenol 0.441 U 0.035 0.441 106-47-8 4-Chloroaniline 0.441 U 0.044 0.441 7005-72-3 4-Chlorophenyl-phenylether 0.441 U 0.049 0.441 100-01-6 4-Nitroaniline 2.20 U 0.082 2.20 100-02-7 4-Nitrophenol 2.20 U 0.152 2.20 83-32-9 Acenaphthene 0.084 J 0.025 0.088 208-96-8 Acenaphthylene 0.037 J 0.015 0.088 98-86-2 Acetophenone 0.487 0.027 0.441 62-53-3 Aniline 0.441 U 0.024 0.441 120-12-7 Anthracene 0.088 U 0.015 0.088 1912-24-9 Atrazine (Aatre	91-94-1	3,3'-Dichlorobenzidine	0.882 U	0.282 0.882
101-55-3 4-Bromophenyl-phenylether 0.441 U 0.039 0.441 59-50-7 4-Chloro-3-methylphenol 0.441 U 0.035 0.441 106-47-8 4-Chloroaniline 0.441 U 0.044 0.441 7005-72-3 4-Chlorophenyl-phenylether 0.441 U 0.049 0.441 100-01-6 4-Nitroaniline 2.20 U 0.082 2.20 100-02-7 4-Nitrophenol 2.20 U 0.152 2.20 83-32-9 Acenaphthene 0.084 J 0.025 0.088 208-96-8 Acenaphthylene 0.037 J 0.015 0.088 98-86-2 Acetophenone 0.487 0.027 0.441 62-53-3 Aniline 0.441 U 0.024 0.441 120-12-7 Anthracene 0.088 U 0.015 0.088 1912-24-9 Atrazine (Aatrex) 0.882 U 0.065 0.882	99-09-2	3-Nitroaniline	2.20 U	0.054 2.20
101-55-3 4-Bromophenyl-phenylether 0.441 U 0.039 0.441 59-50-7 4-Chloro-3-methylphenol 0.441 U 0.035 0.441 106-47-8 4-Chloroaniline 0.441 U 0.044 0.441 7005-72-3 4-Chlorophenyl-phenylether 0.441 U 0.049 0.441 100-01-6 4-Nitroaniline 2.20 U 0.082 2.20 100-02-7 4-Nitrophenol 2.20 U 0.152 2.20 83-32-9 Acenaphthene 0.084 J 0.025 0.088 208-96-8 Acenaphthylene 0.037 J 0.015 0.088 98-86-2 Acetophenone 0.487 0.027 0.441 62-53-3 Aniline 0.441 U 0.024 0.441 120-12-7 Anthracene 0.088 U 0.015 0.088 1912-24-9 Atrazine (Aatrex) 0.882 U 0.065 0.882	534-52-1	2-Methyl-4,6-dinitrophenol	2.20 U	0.043 2.20
106-47-8 4-Chloroaniline 0.441 U 0.044 0.441 7005-72-3 4-Chlorophenyl-phenylether 0.441 U 0.049 0.441 100-01-6 4-Nitroaniline 2.20 U 0.082 2.20 100-02-7 4-Nitrophenol 2.20 U 0.152 2.20 83-32-9 Acenaphthene 0.084 J 0.025 0.088 208-96-8 Acenaphthylene 0.037 J 0.015 0.088 98-86-2 Acetophenone 0.487 0.027 0.441 62-53-3 Aniline 0.441 U 0.024 0.441 120-12-7 Anthracene 0.088 U 0.015 0.088 1912-24-9 Atrazine (Aatrex) 0.882 U 0.065 0.882	101-55-3		0.441 U	0.039 0.441
106-47-8 4-Chloroaniline 0.441 U 0.044 0.441 7005-72-3 4-Chlorophenyl-phenylether 0.441 U 0.049 0.441 100-01-6 4-Nitroaniline 2.20 U 0.082 2.20 100-02-7 4-Nitrophenol 2.20 U 0.152 2.20 83-32-9 Acenaphthene 0.084 J 0.025 0.088 208-96-8 Acenaphthylene 0.037 J 0.015 0.088 98-86-2 Acetophenone 0.487 0.027 0.441 62-53-3 Aniline 0.441 U 0.024 0.441 120-12-7 Anthracene 0.088 U 0.015 0.088 1912-24-9 Atrazine (Aatrex) 0.882 U 0.065 0.882	59-50-7	The State of the State of the State of the State of the State of S		78278 CM
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208-96-8 Acenaphthylene 0.037 J 0.015 0.088 98-86-2 Acetophenone 0.487 0.027 0.441 62-53-3 Aniline 0.441 U 0.024 0.441 120-12-7 Anthracene 0.088 U 0.015 0.088 1912-24-9 Atrazine (Aatrex) 0.882 U 0.065 0.882				
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62-53-3 Aniline 0.441 U 0.024 0.441 120-12-7 Anthracene 0.088 U 0.015 0.088 1912-24-9 Atrazine (Aatrex) 0.882 U 0.065 0.882	Company of the Compan	Company of the Compan		1
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	120000000000000000000000000000000000000			
	100-52-7	Benzaldehyde		

FORM I SV-1

Matrix Solid Lab Sample ID: 21101140509 Sample wtvot: 30.4 Units: g Date Collected: 01/13/11 Time: 1615 Date Received: 01/14/11 Date Received: 01/14/14 01/14 Date Received: 01/14/14 Date Received: 01/14 Date Received: 01/14/14 Date Received: 01/14/14 Date Received: 01/14/14 Date Received: 01/14 Date	Lab Name: G	CAL	Sample ID: T-6-S0	DUTH	
SAS No.: SDG No.: 211011405 Lab File ID: 2110114/67988 Lab Sample wivol: 30.4 Units: g	Lab Code: LA	024 Case No.:	Contract:		
Date Collected: 01/13/11 Time: 1615			Lab File ID: 21101	14/e7988	
Date Received: 01/14/11 Date Extracted: 01/14/14 Date Extracted: 01/1	Matrix: Solid		Lab Sample ID: 21	101140509	
Date Received: 01/14/11 Date Extracted: 01/14/14 Date Extracted: 01/1	Sample wt/vol:	30.4 Units: g	Date Collected: 01	/13/11	Time: 1615
Date Analyzed: O1/14/11 Time: 1909 O2/14 Concentrated Extract Volume: 1.0			Date Received: 01	/14/11	
Date Analyzed: O1/14/11 Time: 1909 O2/14 Concentrated Extract Volume: 1.0	% Moisture: 2	26.1 decanted: (Y/N)	Date Extracted: 01	/14/11	
Concentrated Extract Volume: 1000			Date Analyzed: 01	/14/11	Time: 1909
Prep Method: 3550B Prep Method: 3550B Analytical Method: SW-846 8270 Instrument ID: MSSV4					
CONCENTRATION UNITS: mg/kg			SE 1000 Vir 17 SESSE	1791	
Instrument ID: MSSV4 Prep Batch: 448916 Analytical Batch: 448983 Prep Batch: 448916 Prep Batch: 448916 Analytical Batch: 448983 Prep Batch: 448916 Prep Batch: 44891			VII IND TO LOCK HOUSE		
CONCENTRATION UNITS: mg/kg Prep Batch: 448916 Analytical Batch: 448983 CAS NO. COMPOUND RESULT MDL RL 92-87-5 Benzo(a)anthracene 0.088 U 0.019 0.088 50-32-8 Benzo(a)pyrene 0.088 U 0.025 0.088 205-99-2 Benzo(b)fluoranthene 0.441 U 0.014 0.441 191-24-2 Benzo(s)h,jperylene 0.441 U 0.012 0.441 207-08-9 Benzo(k)fluoranthene 0.441 U 0.020 0.441 65-85-0 Benzoic acid 2.20 U 0.152 2.20 100-51-6 Benzyl alcohol 0.441 U 0.051 0.441 92-52-4 Biphenyl 0.180 J 0.015 0.441 111-91-1 Bis(2-Chloroethoxy)methane 0.441 U 0.023 0.441 111-44-4 Bis(2-Chloroisopropyl)ether 0.441 U 0.023 0.441 111-781-7	GPC Cleanup:	(Y/N) N pH:			
CAS NO. COMPOUND RESULT MDL RL 92-87-5 Benzidine 2.20 U 2.20 2.20 0.088 U 0.019 0.088 0.09/yeree 0.088 U 0.019 0.088 205-99-2 Benzo(b)fluoranthene 0.441 U 0.014 0.441 191-24-2 Benzo(b)fluoranthene 0.441 U 0.012 0.441 100-012 0.441 100-012 0.441 100-012 0.441 100-012 0.441 100-012 0.441 100-014 0.441 100-015 100-51-6 Benzo(c)fluoranthene 0.441 100-51-6 Benzo(c)fluoranthene 0.441 100-51-6 Benzo(c)fluoranthene 0.441 100-51-6 Benzo(c)fluoranthene 0.441 0.055 0.065 0.088 0.015 0.015 0.041 111-91-1 Bis(2-Chloroethoxy)methane 0.441 0.024 0.441 111-91-1 Bis(2-Chloroethoxy)methane 0.441 0.033 0.441 111-86-01 bis(2-chlylnexy)phthalate 0.441 0.0033 0.441 117-81-7 bis(2-chtylnexy)phthalate 0.441 0.0033 0.441 117-81-7 bis(2-chtylnexy)phthalate 0.441 0.00930 0.441 105-60-2 Caprolactam 0.441 0.441 0.0032 0.441 105-60-2 Caprolactam 0.441 0.441 0.0032 0.441 117-84-0 Di-n-octylphthalate 0.441 0.017 0.011 0.441 117-84-0 Di-n-octylphthalate 0.041 0.066 0.013 0.088 0.0441 0.0066 0.0441 0.0066 0.0441 0.0066 0.0441 0.0066 0.0441 0.0066 0.0441 0.0065	CONCENTRAT	TION UNITS: ma/ka	Design Commence of the San		non halasi kathan Saatiin Saatiin
92-87-5 Benzidine 2.20 U 2.20 2.20 56-55-3 Benzo(a)anthracene 0.088 U 0.019 0.088 50-32-8 Benzo(a)pyrene 0.088 U 0.025 0.088 205-99-2 Benzo(b)fluoranthene 0.441 U 0.014 0.441 191-24-2 Benzo(b,fluoranthene 0.441 U 0.012 0.441 05-68-5 Benzo(b,fluoranthene 0.441 U 0.020 0.441 05-68-5 Benzo(b,fluoranthene 0.441 U 0.020 0.441 05-58-5 Benzo(b,fluoranthene 0.441 U 0.020 0.441 05-58-5 Benzo(b,fluoranthene 0.441 U 0.051 0.441 05-58-5 Benzo(b,fluoranthene 0.441 U 0.051 0.441 05-58-5 Benzo(b,fluoranthene 0.441 U 0.051 0.441 05-58-5 Benzo(b,fluoranthene 0.441 U 0.051 0.441 05-58-5 Benzyl alcohol 0.441 U 0.051 0.441 05-58-5 Benzyl alcohol 0.441 U 0.051 0.441 05-58-5 Benzyl alcohol 0.441 U 0.051 0.441 05-58-5 Benzyl alcohol 0.441 U 0.033 0.441 05-58-5 Benzyl alcohol 0.441 U 0.033 0.441 05-58-5 Benzyl alcohol 0.441 U 0.033 0.441 05-58-5 Benzyl alcohol 0.441 U 0.033 0.441 05-58-7 Butylbenzylphthalate 0.088 U 0.017 0.088 05-58-7 Butylbenzylphthalate 0.441 U 0.0930 0.441 05-58-7 Butylbenzylphthalate 0.441 U 0.032 0.441 05-58-7 Butylbenzylphthalate 0.441 U 0.032 0.441 05-58-7 Butylbenzylphthalate 0.441 U 0.032 0.441 05-59-7 Caprolactam 0.441 U 0.032 0.441 05-59-7 Chrysene 0.441 U 0.015 0.441 0.441 0.015 0.441 0.441 0.015 0.441 0.441 0.015 0.441 0.441 0.015 0.441 0.441 0.015 0.441 0.441 0.015 0.441 0.441 0.015 0.441 0.441 0.015 0.441 0.441 0.015 0.441 0.441 0.015 0.441 0.441 0.015 0.441 0.441 0.015 0.441 0.441 0.015 0.441 0.441 0.005 0.088 0.005 0.	CONOLINION	ion our of many	Prep Batch: 4489	16 Analy	tical Batch: 448983
56-5-3 Benzo(a)anthracene 0.088 U 0.019 0.088 50-32-8 Benzo(a)pyrene 0.088 U 0.025 0.088 205-99-2 Benzo(b)fluoranthene 0.441 U 0.014 0.441 191-24-2 Benzo(g), h)perylene 0.441 U 0.020 0.441 207-08-9 Benzo(k)fluoranthene 0.441 U 0.020 0.441 65-85-0 Benzoic acid 2.20 U 0.152 2.20 100-51-6 Benzyl alcohol 0.441 U 0.051 0.441 92-52-4 Biphenyl 0.180 J 0.015 0.441 111-91-1 Bis(2-Chloroethoxy)methane 0.441 U 0.024 0.441 111-4-4 Bis(2-Chloroethoxy)methane 0.441 U 0.023 0.441 111-4-1-5 Bis(2-Chloroethoxy)methane 0.441 U 0.023 0.441 111-4-1-6 Bis(2-Chloroethoxy)methane 0.441 U 0.023 0.441	CAS NO.	COMPOUND	RESULT	MDI	L RL
50-32-8 Benzo(a)pyrene 0.088 U 0.025 0.088 205-99-2 Benzo(b)fluoranthene 0.441 U 0.014 0.441 191-24-2 Benzo(g,h,i)perylene 0.441 U 0.012 0.441 207-08-9 Benzo(k)fluoranthene 0.441 U 0.020 0.441 207-08-9 Benzoic acid 2.20 U 0.152 2.20 100-51-6 Benzyl alcohol 0.441 U 0.051 0.441 92-52-4 Biphenyl 0.180 J 0.015 0.441 111-91-1 Bis(2-Chloroethoxy)methane 0.441 U 0.024 0.441 111-94-4 Bis(2-Chloroethyl)ether 0.441 U 0.033 0.441 111-81-7 bis(2-Chloroethyl)ether 0.441 U 0.023 0.441 117-81-7 bis(2-Chloroethyl)ethalate 0.088 U 0.017 0.088 85-68-7 Butylbenzylphthalate 0.441 U 0.0093 0.441	92-87-5	Benzidine	2.20	U 2.20	2.20
Benzo(b)fluoranthene	56-55-3	Benzo(a)anthracene	0.088	U 0.01	9 0.088
191-24-2 Benzo(g,h,i)perylene 0.441 U 0.012 0.441	50-32-8	Benzo(a)pyrene	0.088	U 0.02	5 0.088
Benzo(k)fluoranthene 0.441 U 0.020 0.441 65-85-0 Benzoic acid 2.20 U 0.152 2.20 100-51-6 Benzyl alcohol 0.441 U 0.051 0.441 92-52-4 Biphenyl 0.180 J 0.015 0.441 111-91-1 Bis(2-Chloroethoxy)methane 0.441 U 0.024 0.441 111-44-4 Bis(2-Chloroethyl)ether 0.441 U 0.023 0.441 108-60-1 bis(2-Chloroisopropyl)ether 0.441 U 0.023 0.441 117-81-7 bis(2-ethylhexyl)phthalate 0.088 U 0.017 0.088 85-68-7 Butylbenzylphthalate 0.441 U 0.032 0.441 105-60-2 Caprolactam 0.441 U 0.047 0.441 218-01-9 Chrysene 0.441 U 0.032 0.441 218-01-9 Chrysene 0.441 U 0.015 0.441 218-03-03 Dibenz(a,h)anthracene 0.088 U 0.012 0.088 32-64-9 Dibenzofuran 0.441 U 0.015 0.441 34-66-2 Diethylphthalate 0.441 U 0.015 0.441 34-66-2 Diethylphthalate 0.441 U 0.015 0.441 31-11-3 Dimethyl-phthalate 0.441 U 0.015 0.441 36-73-7 Fluorene 0.048 J 0.00975 0.441 36-73-7 Fluorene 0.041 U 0.053 0.441 37-47-4 Hexachloroepthane 0.441 U 0.066 0.441 37-47-4 Hexachloroepthane 0.441 U 0.066 0.441 37-47-1 Hexachloroepthane 0.441 U 0.065 0.441 37-47-1 Hexachloroepthane 0.441 U 0.065 0.441 38-72-1 Hexachloroepthane 0.441 U 0.065 0.441 38-73-7 Hexachloroepthane 0.441 U 0.066 0.441 39-74-8 Hexachloroepthane 0.441 U 0.066 0.441 39-74-8 Hexachloroepthane 0.441 U 0.065 0.441 39-74-8 Hexachloroeptha	205-99-2	Benzo(b)fluoranthene	0.441	U 0.01	4 0.441
Benzo(k)fluoranthene 0.441 U 0.020 0.441 65-85-0 Benzoic acid 2.20 U 0.152 2.20 100-51-6 Benzyl alcohol 0.441 U 0.051 0.441 92-52-4 Biphenyl 0.180 J 0.015 0.441 111-91-1 Bis(2-Chloroethoxy)methane 0.441 U 0.024 0.441 111-44-4 Bis(2-Chloroethyl)ether 0.441 U 0.023 0.441 108-60-1 bis(2-Chloroisopropyl)ether 0.441 U 0.023 0.441 117-81-7 bis(2-ethylhexyl)phthalate 0.088 U 0.017 0.088 15-60-2 Caprolactam 0.441 U 0.032 0.441 105-60-2 Caprolactam 0.441 U 0.047 0.441 218-01-9 Chrysene 0.441 U 0.032 0.441 218-01-9 Chrysene 0.441 U 0.015 0.441 218-03-03 Dibenz(a,h)anthracene 0.088 U 0.012 0.088 32-64-9 Dibenzofuran 0.441 U 0.014 0.441 34-66-2 Diethylphthalate 0.441 U 0.015 0.441 34-66-2 Diethylphthalate 0.441 U 0.00976 0.441 36-73-7 Fluorene 0.048 J 0.00975 0.441 36-73-7 Fluorene 0.041 U 0.053 0.441 37-47-4 Hexachloroeyclopentadiene 0.441 U 0.066 0.441 37-47-4 Hexachloroeyclopentadiene 0.441 U 0.066 0.441 37-47-4 Hexachloroeyclopentadiene 0.441 U 0.066 0.441 37-47-1 Hexachloroeyclopentadiene 0.441 U 0.065 0.441 38-73-7 Hexachloroeyclopentadiene 0.441 U 0.066 0.441 38-73-7 Hexachloroeyclopentadiene 0.441 U 0.066 0.441 38-73-7 Hexachloroeyclopentadiene 0.441 U 0.065 0.441 39-74-7 Hexachloroethane 0.441 U 0.066 0.441 39-74-7 Hexachloroethane 0.441 U 0.065 0.441 39-74-7 Hexachloroethane 0.441 U 0.06	191-24-2	Benzo(g,h,i)perylene	0.441	U 0.01	2 0.441
Benzoic acid 2.20	207-08-9		0.441	U 0.02	0 0.441
92-52-4 Biphenyl 0.180 J 0.015 0.441 111-91-1 Bis(2-Chloroethoxy)methane 0.441 U 0.024 0.441 111-44-4 Bis(2-Chloroethyl)ether 0.441 U 0.033 0.441 108-60-1 bis(2-Chloroisopropyl)ether 0.441 U 0.023 0.441 117-81-7 bis(2-ethylhexyl)phthalate 0.088 U 0.017 0.088 0.017 0.088 0.00930 0.441 0.00930 0.00930 0.441 0.00930 0.0	65-85-0	Benzoic acid	2.20	U 0.15	2 2.20
92-52-4 Biphenyl 0.180 J 0.015 0.441 111-91-1 Bis(2-Chloroethoxy)methane 0.441 U 0.024 0.441 111-44-4 Bis(2-Chloroethyl)ether 0.441 U 0.033 0.441 108-60-1 bis(2-Chloroisopropyl)ether 0.441 U 0.023 0.441 117-81-7 bis(2-ethylhexyl)phthalate 0.088 U 0.017 0.088 0.017 0.088 0.00930 0.441 0.00930 0.00930 0.441 0.00930 0.0	100-51-6	Benzyl alcohol	0.441	U 0.05	
111-44-4 Bis(2-Chloroethyl)ether 0.441 U 0.033 0.441 108-60-1 bis(2-Chloroisopropyl)ether 0.441 U 0.023 0.441 117-81-7 bis(2-ethylhexyl)phthalate 0.088 U 0.017 0.088 85-68-7 Butylbenzylphthalate 0.441 U 0.00930 0.441 105-60-2 Caprolactam 0.441 U 0.047 0.441 86-74-8 Carbazole 0.441 U 0.032 0.441 218-01-9 Chrysene 0.441 U 0.015 0.441 84-74-2 Di-n-butylphthalate 0.017 J 0.011 0.441 117-84-0 Di-n-octylphthalate 0.441 U 0.014 0.441 53-70-3 Dibenz(a,h)anthracene 0.088 U 0.012 0.088 132-64-9 Dibenzofuran 0.441 U 0.014 0.441 84-66-2 Diethylphthalate 0.441 U 0.041 0.441 206	92-52-4		0.180	J 0.01	5 0.441
111-44-4 Bis(2-Chloroethyl)ether 0.441 U 0.033 0.441 108-60-1 bis(2-Chloroisopropyl)ether 0.441 U 0.023 0.441 117-81-7 bis(2-ethylhexyl)phthalate 0.088 U 0.017 0.088 85-68-7 Butylbenzylphthalate 0.441 U 0.00930 0.441 105-60-2 Caprolactam 0.441 U 0.047 0.441 86-74-8 Carbazole 0.441 U 0.032 0.441 218-01-9 Chrysene 0.441 U 0.015 0.441 84-74-2 Di-n-butylphthalate 0.017 J 0.011 0.441 117-84-0 Di-n-octylphthalate 0.441 U 0.014 0.441 53-70-3 Dibenz(a,h)anthracene 0.088 U 0.012 0.088 132-64-9 Dibenzofuran 0.441 U 0.015 0.441 84-66-2 Diethylphthalate 0.441 U 0.041 0.441 206	111-91-1	Bis(2-Chloroethoxy)methane	0.441	U 0.02	4 0.441
108-60-1 bis(2-Chloroisopropyl)ether 0.441 U 0.023 0.441 117-81-7 bis(2-ethylhexyl)phthalate 0.088 U 0.017 0.088 85-68-7 Butylbenzylphthalate 0.441 U 0.00930 0.441 105-60-2 Caprolactam 0.441 U 0.047 0.441 86-74-8 Carbazole 0.441 U 0.032 0.441 218-01-9 Chrysene 0.441 U 0.015 0.441 84-74-2 Di-n-butylphthalate 0.017 J 0.011 0.441 117-84-0 Di-n-octylphthalate 0.441 U 0.014 0.441 53-70-3 Dibenz(a,h)anthracene 0.088 U 0.012 0.088 132-64-9 Dibenzofuran 0.441 U 0.015 0.441 84-66-2 Diethylphthalate 0.441 U 0.041 0.441 206-44-0 Fluoranthene 0.048 J 0.00976 0.441 206-44-0 <td>111-44-4</td> <td></td> <td></td> <td></td> <td>100000</td>	111-44-4				100000
117-81-7 bis(2-ethylhexyl)phthalate 0.088 U 0.017 0.088 85-68-7 Butylbenzylphthalate 0.441 U 0.00930 0.441 105-60-2 Caprolactam 0.441 U 0.047 0.441 86-74-8 Carbazole 0.441 U 0.032 0.441 218-01-9 Chrysene 0.441 U 0.015 0.441 84-74-2 Di-n-butylphthalate 0.017 J 0.011 0.441 117-84-0 Di-n-octylphthalate 0.441 U 0.014 0.441 53-70-3 Dibenz(a,h)anthracene 0.088 U 0.012 0.088 132-64-9 Dibenzofuran 0.441 U 0.015 0.441 84-66-2 Diethylphthalate 0.441 U 0.041 0.441 131-11-3 Dimethyl-phthalate 0.441 U 0.0976 0.441 206-44-0 Fluoranthene 0.048 J 0.00975 0.441 86-73-7	DATE OF PROPERTY		SERVINOS A	95,000	AND DESCRIPTION
85-68-7 Butylbenzylphthalate 0.441 U 0.00930 0.441 105-60-2 Caprolactam 0.441 U 0.047 0.441 86-74-8 Carbazole 0.441 U 0.032 0.441 218-01-9 Chrysene 0.441 U 0.015 0.441 84-74-2 Di-n-butylphthalate 0.017 J 0.011 0.441 117-84-0 Di-n-octylphthalate 0.441 U 0.014 0.441 53-70-3 Dibenz(a,h)anthracene 0.088 U 0.012 0.088 132-64-9 Dibenzofuran 0.441 U 0.015 0.441 84-66-2 Diethylphthalate 0.441 U 0.041 0.441 131-11-3 Dimethyl-phthalate 0.441 U 0.0976 0.441 206-44-0 Fluoranthene 0.048 J 0.00975 0.441 86-73-7 Fluorene 0.106 0.013 0.088 118-74-1 Hexachlorocyclopentadiene	LASTANCES .				
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86-74-8 Carbazole 0.441 U 0.032 0.441 218-01-9 Chrysene 0.441 U 0.015 0.441 84-74-2 Di-n-butylphthalate 0.017 J 0.011 0.441 117-84-0 Di-n-octylphthalate 0.441 U 0.014 0.441 53-70-3 Dibenz(a,h)anthracene 0.088 U 0.012 0.088 132-64-9 Dibenzofuran 0.441 U 0.015 0.441 84-66-2 Diethylphthalate 0.441 U 0.041 0.441 131-11-3 Dimethyl-phthalate 0.441 U 0.00976 0.441 206-44-0 Fluoranthene 0.048 J 0.00975 0.441 86-73-7 Fluorene 0.106 0.013 0.088 118-74-1 Hexachlorobenzene 0.441 U 0.053 0.441 77-47-4 Hexachlorocyclopentadiene 0.441 U 0.066 0.441 67-72-1 Hexachloroethane	105-60-2				
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84-74-2 Di-n-butylphthalate 0.017 J 0.011 0.441 117-84-0 Di-n-octylphthalate 0.441 U 0.014 0.441 53-70-3 Dibenz(a,h)anthracene 0.088 U 0.012 0.088 132-64-9 Dibenzofuran 0.441 U 0.015 0.441 84-66-2 Diethylphthalate 0.441 U 0.041 0.441 131-11-3 Dimethyl-phthalate 0.441 U 0.00976 0.441 206-44-0 Fluoranthene 0.048 J 0.00975 0.441 86-73-7 Fluorene 0.106 0.013 0.088 118-74-1 Hexachlorobenzene 0.441 U 0.053 0.441 77-47-4 Hexachlorocyclopentadiene 0.441 U 0.066 0.441 67-72-1 Hexachloroethane 0.441 U 0.065 0.441	218-01-9				
117-84-0 Di-n-octylphthalate 0.441 U 0.014 0.441 53-70-3 Dibenz(a,h)anthracene 0.088 U 0.012 0.088 132-64-9 Dibenzofuran 0.441 U 0.015 0.441 84-66-2 Diethylphthalate 0.441 U 0.041 0.441 131-11-3 Dimethyl-phthalate 0.441 U 0.00976 0.441 206-44-0 Fluoranthene 0.048 J 0.00975 0.441 86-73-7 Fluorene 0.106 0.013 0.088 118-74-1 Hexachlorobenzene 0.441 U 0.053 0.441 77-47-4 Hexachlorocyclopentadiene 0.441 U 0.066 0.441 67-72-1 Hexachloroethane 0.441 U 0.065 0.441	84-74-2		20070	20 100.0	AND DESCRIPTION OF THE PARTY OF
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131-11-3 Dimethyl-phthalate 0.441 U 0.00976 0.441 206-44-0 Fluoranthene 0.048 J 0.00975 0.441 86-73-7 Fluorene 0.106 0.013 0.088 118-74-1 Hexachlorobenzene 0.441 U 0.053 0.441 77-47-4 Hexachlorocyclopentadiene 0.441 U 0.066 0.441 67-72-1 Hexachloroethane 0.441 U 0.065 0.441	84-66-2			-	
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86-73-7 Fluorene 0.106 0.013 0.088 118-74-1 Hexachlorobenzene 0.441 U 0.053 0.441 77-47-4 Hexachlorocyclopentadiene 0.441 U 0.066 0.441 67-72-1 Hexachloroethane 0.441 U 0.065 0.441	206-44-0				
118-74-1 Hexachlorobenzene 0.441 U 0.053 0.441 77-47-4 Hexachlorocyclopentadiene 0.441 U 0.066 0.441 67-72-1 Hexachloroethane 0.441 U 0.065 0.441	86-73-7	CONTRACTOR OF THE PROPERTY OF			10000000
77-47-4 Hexachlorocyclopentadiene 0.441 U 0.066 0.441 67-72-1 Hexachloroethane 0.441 U 0.065 0.441	Control of the Contro	Vi Sauceste S. St. II	100000000	100,000	
67-72-1 Hexachloroethane 0.441 U 0.065 0.441		- 10 12 A - 10 2 A 10 10 A 10 10 10 10 10 10 10 10 10 10 10 10 10	(C) (C) (C) (C)		
	Contraction of the Contraction o		A CONTRACTOR OF THE PROPERTY O		
	193-39-5				

FORM I SV-1

Lab Name: Go	CAL	Sample ID: T-6-SOUTH	
Lab Code: LA	024 Case No.:	Contract:	
SAS No.:	SDG No.: 211011405	Lab File ID: 2110114/e79	988
Matrix: Solid		Lab Sample ID: 2110114	0509
Sample wt/vol:	30.4 Units: g	Date Collected: 01/13/11	Time: 1615
Level: (low/med) LOW	Date Received: 01/14/11	
% Moisture: 2	6.1 decanted: (Y/N)	Date Extracted: 01/14/11	
GC Column: R	TX-5MS-30 ID: .25 (m	m) Date Analyzed: 01/14/11	Time: 1909
Concentrated E	xtract Volume: 1000 (µ	Dilution Factor: 1	Analyst: KCB
Injection Volume	e: 1.0 (µ	Prep Method: 3550B	
GPC Cleanup: (Y/N) N pH:	Analytical Method: SW-8	346 8270
		Instrument ID: MSSV4	
CONCENTRAT	ION UNITS: mg/kg	Prep Batch: 448916	Analytical Batch: 448983
CAS NO.	COMPOUND	RESULT	MDL RL
78-59-1	Isophorone	0.441 U	0.014 0.441
98-95-3	Nitrobenzene	0.441 U	0.020 0.441
87-86-5	Pentachlorophenol	2.20 U	0.036 2.20
85-01-8	Phenanthrene	0.129	0.018 0.088
108-95-2	Phenol	0.441 U	0.021 0.441
129-00-0	Pyrene	0.441 U	0.062 0.441
110-86-1	Pyridine	0.441 U	0.025 0.441
1319-77-3M	m,p-Cresol	0.118 J	0.078 0.441
621-64-7	N-Nitroso-di-n-propylamine	0.088 U	0.022 0.088
62-75-9	N-Nitrosodimethylamine	0.441 U	0.023 0.441
86-30-6	N-Nitrosodiphenylamine	0.441 U	0.014 0.441
95-48-7	o-Cresol	0.097 J	0.013 0.441

Lab Name: 0	GCAL	Sample ID: T-6-NORTH		
Lab Code: L	A024 Case No.:	Contract:		
SAS No.:	SDG No.: 211011405	Lab File ID: 2110114/e7	989	
Matrix: Solid		Lab Sample ID: 211011	40510	
Sample wt/vol	: 30.2 Units: g	Date Collected: 01/13/1	1 Time: 16	25
Level: (low/me		Date Received: 01/14/1	1	
% Moisture:	22.5 decanted: (Y/N)	Date Extracted: 01/14/1	1	
	RTX-5MS-30 ID: .25 (mm)	Date Analyzed: 01/14/1	1 Time: 19	26
	Extract Volume: 1000 (µL)	Dilution Factor: 1	Analyst:	ксв
	me: 1.0 (µL)	Prep Method: 3550B		
	(Y/N) N pH:	Analytical Method: SW-	-846 8270	
Or C Cleanup.	NOW M	Instrument ID: MSSV4		
CONCENTRA	TION UNITS: mg/kg	CC PANALIN ORDERANDO	Applicat Patch	440002
040.40	COMPOUND	Prep Batch: 448916	Analytical Batch:	
CAS NO.	COMPOUND	RESULT	MDL	RL
122-66-7	1,2 Diphenylhydrazine	0.423 U	0.00962	0.423
95-95-4	2,4,5-Trichlorophenol	0.423 U	0.050	0.423
88-06-2	2,4,6-Trichlorophenol	0.423 U	0.066	0.423
120-83-2	2,4-Dichlorophenol	0.423 U	0.068	0.423
105-67-9	2,4-Dimethylphenol	0.423 U	0.054	0.423
51-28-5	2,4-Dinitrophenol	2.11 U	0.227	2.11
121-14-2	2,4-Dinitrotoluene	0.423 U	0.060	0.423
606-20-2	2.6-Dinitrotoluene	0.423 U	0.025	0.423
91-58-7	2-Chloronaphthalene	0.423 U	0.023	0.423
95-57-8	2-Chlorophenol	0.423 U	0.033	0.423
91-57-6	2-Methylnaphthalene	0.085 U	0.023	0.085
88-74-4	2-Nitroaniline	2.11 U	0.048	2.11
88-75-5	2-Nitrophenol	0.423 U	0.019	0.423
91-94-1	3,3'-Dichlorobenzidine	0.846 U	0.270	0.846
99-09-2	3-Nitroaniline	2.11 U	0.052	2.11
534-52-1	2-Methyl-4,6-dinitrophenol	2.11 U	0.042	2.11
101-55-3	4-Bromophenyl-phenylether	0.423 U	0.037	0.423
59-50-7	4-Chloro-3-methylphenol	0.423 U	0.033	0.423
106-47-8	4-Chloroaniline	0.423 U	0.042	0.423
7005-72-3	4-Chlorophenyl-phenylether	0.423 U	0.047	0.423
100-01-6	4-Nitroaniline	2.11 U	0.079	2.11
100-02-7	4-Nitrophenol	2.11 U	0.146	2.11
83-32-9	Acenaphthene	0.085 U	0.024	0.085
208-96-8	Acenaphthylene	0.040 J	0.014	0.085
98-86-2	Acetophenone	0.423 U	0.026	0.423
62-53-3	Aniline	0.423 U	0.023	0.423
120-12-7	Anthracene	0.085 U	0.015	0.085
1912-24-9	Atrazine (Aatrex)	0.846 U	0.063	0.846
100-52-7	Benzaldehyde	0.846 U	0.038	0.846
100-32-7	Delizaldeliyde	0.040	0.000	0.040

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Lab Name: 0	GCAL	Sample ID: T-6-NORTH	L
Lab Code: L	A024 Case No.:	Contract:	
SAS No.:	SDG No.: 211011405		
Matrix: Solid		Lab Sample ID: 211011	40510
Sample wt/vol:	: 30.2 Units: g	Date Collected: 01/13/1	1 Time: 1625
Level: (low/me	d) LOW	Date Received: 01/14/1	1
% Moisture:	22.5 decanted: (Y/N)	Date Extracted: 01/14/1	1
	RTX-5MS-30 ID: .25 (mm)	Date Analyzed: 01/14/1	1 Time: 1926
	Extract Volume: 1000 (µL)	Dilution Factor: 1	Analyst: KCB
	THE PROPERTY OF THE PROPERTY O	Prep Method: 3550B	
	me: (µL)	Analytical Method: SW-	946 9270
SPC Cleanup:	(Y/N) N pH:	STATE OF STA	040 0270
CONCENTRA	TION UNITS: mg/kg	Instrument ID: MSSV4	
CONCLIVINA	HOW OWITS. HIGHIG	Prep Batch: 448916	Analytical Batch: 448983
CAS NO.	COMPOUND	RESULT	MDL RL
92-87-5	Benzidine	2.11 U	2.11 2.11
56-55-3	Benzo(a)anthracene	0.085 U	0.018 0.085
50-32-8	Benzo(a)pyrene	0.085 U	0.024 0.085
205-99-2	Benzo(b)fluoranthene	0.423 U	0.013 0.423
191-24-2	Benzo(g,h,i)perylene	0.181 J	0.012 0.423
207-08-9	Benzo(k)fluoranthene	0.423 U	0.019 0.423
65-85-0	Benzoic acid	2.11 U	0.146 2.11
100-51-6	Benzyl alcohol	0.423 U	0.049 0.423
92-52-4	Biphenyl	0.423 U	0.014 0.423
111-91-1	Bis(2-Chloroethoxy)methane	0.423 U	0.023 0.423
111-44-4	Bis(2-Chloroethyl)ether	0.423 U	0.032 0.423
108-60-1	bis(2-Chloroisopropyl)ether	0.423 U	0.022 0.423
117-81-7	bis(2-ethylhexyl)phthalate	0.115	0.016 0.085
85-68-7	Butylbenzylphthalate	0.423 U	0.00892 0.423
105-60-2	Caprolactam	0.423 U	0.045 0.423
86-74-8	Carbazole	0.423 U	0.030 0.423
218-01-9	Chrysene	0.023 J	0.014 0.423
84-74-2	Di-n-butylphthalate	0.423 U	0.010 0.423
117-84-0	Di-n-octylphthalate	0.423 U	0.014 0.423
53-70-3	Dibenz(a,h)anthracene	0.085 U	0.012 0.085
132-64-9	Dibenzofuran	0.423 U	0.015 0.423
84-66-2	Diethylphthalate	0.044 J	0.039 0.423
131-11-3	Dimethyl-phthalate	0.423 U	0.00937 0.423
206-44-0	Fluoranthene	0.015 J	0.00935 0.423
86-73-7	Fluorene	0.085 U	0.013 0.085
118-74-1	Hexachlorobenzene	0.423 U	0.051 0.423
77-47-4	Hexachlorocyclopentadiene	0.423 U	0.063 0.423
67-72-1	Hexachloroethane	0.423 U	0.063 0.423
193-39-5	Indeno(1,2,3-cd)pyrene	0.423 U	0.017 0.423

FORM I SV-1

Lab Name: _G	GCAL		Sample ID: T	-6-NORTH	2	
Lab Code: LA	A024 Case No.:		Contract:			
SAS No.:	SDG No.: 21101	1405	Lab File ID: 2	110114/e798	39	
Matrix: Solid			Lab Sample ID:	21101140	510	
Sample wt/vol:	30.2 Units: g		Date Collected:	01/13/11	Time:	1625
Level: (low/med	d) LOW		Date Received:	01/14/11		
% Moisture:	22.5 decanted: (Y/N)	(4)	Date Extracted:	01/14/11		
GC Column:	RTX-5MS-30 ID: .25	(mm)	Date Analyzed:	01/14/11	Time:	1926
Concentrated F	Extract Volume: 1000	(µL)	Dilution Factor:	1	Analys	st: KCB
Injection Volum	ne: 1.0	(µL)	Prep Method:	3550B		
GPC Cleanup:	(Y/N) N pH:		Analytical Meth	od: SW-84	16 8270	
			Instrument ID:	MSSV4		
CONCENTRAT	TION UNITS: mg/kg		Prep Batch: 4	148916	Analytical Bat	ch: 448983
CAS NO.	COMPOUND		RESULT		MDL	RL
78-59-1	Isophorone		0.423	U	0.014	0.423
98-95-3	Nitrobenzene		0.423	U	0.020	0.423
87-86-5	Pentachlorophenol		2.11	U	0.035	2.11
85-01-8	Phenanthrene		0.019	J	0.017	0.085
108-95-2	Phenol		0.092	J	0.020	0.423
129-00-0	Pyrene		0.423	U	0.059	0.423
110-86-1	Pyridine		0.423	U	0.024	0.423
1319-77-3M	m,p-Cresol		0.423	U	0.074	0.423
621-64-7	N-Nitroso-di-n-propylamine		0.085	U	0.021	0.085
62-75-9	N-Nitrosodimethylamine		0.423	U	0.022	0.423
02 10 0						
86-30-6	N-Nitrosodiphenylamine		0.423	U	0.013	0.423

Lab Name: GC	AL	Sample ID: BLIND DUP	
Lab Code: LA0	24 Case No.:	Contract:	
SAS No.:	SDG No.: 211011405	Lab File ID: 2110114/e799	
Matrix: Solid		Lab Sample ID: 21101140	0511
Sample ut/yel:	30.1 Units: g	Date Collected: 01/13/11	Time: 0000
		Date Collected. 01/13/11	Time. <u>0000</u>
Level: (low/med)	LOW	Date Received: 01/14/11	
% Moisture: 24	decanted: (Y/N)	Date Extracted: 01/14/11	
GC Column: R	TX-5MS-30 ID: .25 (mm)	Date Analyzed: 01/14/11	Time: 1943
Concentrated Ex	tract Volume: 1000 (µL)	Dilution Factor: 1	Analyst: KCB
	:	Prep Method: 3550B	
		Analytical Method: SW-8	46 8270
GPC Cleanup: (Y	(/N) N pH:	Walter Street St	40 02/0
		Instrument ID: MSSV4	
CONCENTRATIO	ON UNITS: mg/kg	Prep Batch: 448916	Analytical Batch: 448983
CAS NO.	COMPOUND	RESULT	MDL RL
122-66-7	1,2 Diphenylhydrazine	0.434 U	0.00987 0.434
95-95-4	2,4,5-Trichlorophenol	0.434 U	0.052 0.434
88-06-2	2,4,6-Trichlorophenol	0.434 U	0.068 0.434
120-83-2	2,4-Dichlorophenol	0.434 U	0.070 0.434
105-67-9	2,4-Dimethylphenol	0.434 U	0.055 0.434
51-28-5	2,4-Dinitrophenol	2.17 U	0.233 2.17
121-14-2	2,4-Dinitrotoluene	0.434 U	0.061 0.434
606-20-2	2,6-Dinitrotoluene	0.434 U	0.026 0.434
91-58-7	2-Chloronaphthalene	0.434 U	0.024 0.434
95-57-8	2-Chlorophenol	0.434 U	0.033 0.434
91-57-6	2-Methylnaphthalene	0.591	0.023 0.087
88-74-4	2-Nitroaniline	2.17 U	0.049 2.17
88-75-5	2-Nitrophenol	0.434 U	0.020 0.434
91-94-1	3,3'-Dichlorobenzidine	0.867 U	0.277 0.867
99-09-2	3-Nitroaniline	2.17 U	0.053 2.17
534-52-1	2-Methyl-4,6-dinitrophenol	2.17 U	0.043 2.17
101-55-3	4-Bromophenyl-phenylether	0.434 U	0.038 0.434
59-50-7	4-Chloro-3-methylphenol	0.434 U	0.034 0.434
106-47-8	4-Chloroaniline	0.434 U	0.043 0.434
7005-72-3	4-Chlorophenyl-phenylether	0.434 U	0.048 0.434
100-01-6	4-Nitroaniline	2.17 U	0.081 2.17
100-02-7	4-Nitrophenol	2.17 U	0.150 2.17
83-32-9	Acenaphthene	0.097	0.025 0.087
208-96-8	Acenaphthylene	0.285	0.015 0.087
98-86-2	Acetophenone	0.819	0.027 0.434
62-53-3	Aniline	0.434 U	0.023 0.434
120-12-7	Anthracene	0.038 J	0.015 0.087
1912-24-9	Atrazine (Aatrex)	0.867 U	0.064 0.867
100-52-7	Benzaldehyde	0.867 U	0.039 0.867

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Lab Name: G	CAL	Sample ID: BLIND	DUP	
Lab Code: LA	A024 Case No.:	Contract:		
SAS No.:	SDG No.: 211011405	Lab File ID: 211011	4/e7990	
Matrix: Solid		Lab Sample ID: 211	01140511	
Sample wt/vol:	30.1 Units: g	Date Collected: 01/	13/11 Time:	0000
Sample wavoi.	JULIA STATES		7000000	0000
Level: (low/med	d) LOW	Date Received: 01/	14/11	
% Moisture: 2	24.1 decanted: (Y/N)	Date Extracted: 01/	14/11	
GC Column: I	RTX-5MS-30 ID: .25 (mm)	Date Analyzed: 01/	14/11 Time	: 1943
	Extract Volume: 1000 (µL)	Dilution Factor: 1	Analy	st: KCB
		Prep Method: 3550		
Injection Volum	ne: 1.0 (µL)			
GPC Cleanup:	(Y/N) N pH:	Analytical Method:	SW-846 8270	
		Instrument ID: MSS	V4	
CONCENTRAT	TION UNITS: mg/kg	Prep Batch: 44891	6 Analytical Ba	itch: 448983
CAS NO.	COMPOUND	RESULT	MDL	RL
		2.17		2.17
92-87-5 56-55-3	Benzidine Benzo(a)anthracene	0.087 U		0.087
MACCOMO NOS	CONTROL OF A CONTROL OF STATE	0.087 U	12/20/2	0.087
50-32-8	Benzo(a)pyrene	0.434 U		0.434
205-99-2	Benzo(b)fluoranthene			
191-24-2	Benzo(g,h,i)perylene	0.434 L		0.434
207-08-9	Benzo(k)fluoranthene			0.434
65-85-0	Benzoic acid		3 3717 573	2.17
100-51-6	Benzyl alcohol	0.434 L		0.434
92-52-4	Biphenyl	0.202 J	5.531/2	0.434
111-91-1	Bis(2-Chloroethoxy)methane	0.434 L		0.434
111-44-4	Bis(2-Chloroethyl)ether	0.434 U		0.434
108-60-1	bis(2-Chloroisopropyl)ether	0.434 L		0.434
117-81-7	bis(2-ethylhexyl)phthalate	0.087 L	100000	0.087
85-68-7	Butylbenzylphthalate	0.434 L		0.434
105-60-2	Caprolactam	0.434 L		0.434
86-74-8	Carbazole	0.434 L	V 2000000	0.434
218-01-9	Chrysene	0.434 L		0.434
84-74-2	Di-n-butylphthalate	0.434 L		0.434
117-84-0	Di-n-octylphthalate	0.434 L		0.434
53-70-3	Dibenz(a,h)anthracene	0.087 L		0.087
132-64-9	Dibenzofuran	0.434 L		0.434
84-66-2	Diethylphthalate	0.040	1 1000000000000000000000000000000000000	0.434
131-11-3	Dimethyl-phthalate	0.434 L	The state of the s	0.434
206-44-0	Fluoranthene	0.030		0.434
86-73-7	Fluorene	0.138	0.013	0.087
118-74-1	Hexachlorobenzene	0.434 L		0.434
77-47-4	Hexachlorocyclopentadiene	0.434 L	(((((((((((((((((((0.434
67-72-1	Hexachloroethane	0.434 L		0.434
193-39-5	Indeno(1,2,3-cd)pyrene	0.434 L	0.017	0.434

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Lab Name: G	GCAL	Sample ID: BLIND DUP	
Lab Code: LA	A024 Case No.:	Contract:	
SAS No.:	SDG No.: 211011405	Lab File ID: 2110114/e7990	
Matrix: Solid		Lab Sample ID: 21101140511	
Sample wt/vol:	30.1 Units: g	Date Collected: 01/13/11 Time: 0000	
Level: (low/med	d) LOW	Date Received: 01/14/11	
% Moisture: _2	24.1 decanted: (Y/N)	Date Extracted: 01/14/11	
GC Column: _I	RTX-5MS-30 ID: .25 (mm)	Date Analyzed: 01/14/11 Time: 1943	
Concentrated E	Extract Volume: 1000 (µL)	Dilution Factor: 1 Analyst: KC	В
Injection Volum	ne: 1.0 (µL)	Prep Method: 3550B	
	(Y/N) N pH:	Analytical Method: SW-846 8270	
		Instrument ID: MSSV4	
CONCENTRAT	TION UNITS: mg/kg	Prep Batch: 448916 Analytical Batch: 44	48983
CAS NO.	COMPOUND	RESULT MDL	RL
78-59-1	Isophorone	0.434 U 0.014 C	0.434
98-95-3	Nitrobenzene	0.434 U 0.020 C	0.434
87-86-5	Pentachlorophenol	2.17 U 0.035	2.17
85-01-8	Phenanthrene	0.158 0.018 0	0.087
108-95-2	Phenol	0.434 U 0.021 C	0.434
129-00-0	Pyrene	0.434 U 0.061 C	0.434
110-86-1	Pyridine	0.434 U 0.024 C	0.434
1319-77-3M	m,p-Cresol	0.179 J 0.076 C	0.434
621-64-7	N-Nitroso-di-n-propylamine	0.087 U 0.022 C	0.087
62-75-9	N-Nitrosodimethylamine	0.434 U 0.022 C	0.434
86-30-6	N-Nitrosodiphenylamine	0.434 U 0.014 C	0.434
95-48-7	o-Cresol	0.161 J 0.013 C	0.434

Sample ID: SC-W
Contract:
Lab File ID: 2110114/e7991
Lab Sample ID: 21101140512
Date Collected: 01/13/11 Time: 1645
Date Received: 01/14/11
Date Extracted: 01/14/11
makentonaprinter more and adiabatical control of adiabatican
(EAT VERY RESTAURCE OF THE SECOND SEC
) Dilution Factor: 1 Analyst: KCB
Prep Method: 3550B
Analytical Method: SW-846 8270
Instrument ID: MSSV4
Prep Batch: 448916 Analytical Batch: 448983
RESULT MDL RL
0.431 U 0.00981 0.431
0.431 U 0.051 0.431
0.431 U 0.068 0.431
0.431 U 0.069 0.431
0.431 U 0.055 0.431
2.16 U 0.231 2.16
0.431 U 0.061 0.431
0.431 U 0.025 0.431
0.431 U 0.023 0.431
0.431 U 0.033 0.431
0.086 U 0.023 0.086
2.16 U 0.048 2.16
0.431 U 0.020 0.431
0.862 U 0.276 0.862
2.16 U 0.053 2.16
2.16 U 0.042 2.16
0.431 U 0.038 0.431
0.431 U 0.034 0.431
0.431 U 0.043 0.431
0.431 U 0.048 0.431
2.16 U 0.080 2.16
2.16 U 0.149 2.16
0.086 U 0.024 0.086
0.045 J 0.015 0.086
0.431 U 0.027 0.431
0.431 U 0.023 0.431
0.053 J 0.015 0.086
0.862 U 0.064 0.862
0.862 U 0.039 0.862
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Lab Name: G	CAL	Sample ID: SC-W			
Lab Code: LA	024 Case No.:	Contract:			
SAS No.:	SDG No.: 211011405	Lab File ID: 2110114/e79	991		
Matrix: Solid		Lab Sample ID: 2110114	0512		
Sample wt/vol:	30 Units: g	Date Collected: 01/13/11	Time: 1645		
Level: (low/med	d) LOW	Date Received: 01/14/11			
% Moisture: 2	23.5 decanted: (Y/N)	Date Extracted: 01/14/11			
GC Column: _F	RTX-5MS-30 ID: .25 (mm)	Date Analyzed: 01/14/11	Time: _2000		
Concentrated E	Extract Volume: 1000 (µL)	Dilution Factor: 1	Analyst: KCB		
	ne: 1.0 (µL)	Prep Method: 3550B			
	(Y/N) N pH:	Analytical Method: SW-	346 8270		
	- FW	Instrument ID: MSSV4			
CONCENTRAT	TION UNITS: mg/kg		Analytical Batch: 448983	3	
CAS NO.	COMPOUND	RESULT	MDL RL		
92-87-5	Benzidine	2.16 U	2.16 2.16		
56-55-3	Benzo(a)anthracene	0.094	0.018 0.086		
50-32-8	Benzo(a)pyrene	0.103	0.025 0.086		
205-99-2	Benzo(b)fluoranthene	0.293 J	0.013 0.431		
191-24-2	Benzo(g,h,i)perylene	0.328 J	0.012 0.431	_	
207-08-9	Benzo(k)fluoranthene	0.065 J	0.020 0.431	_	
65-85-0	Benzoic acid	2.16 U	0.149 2.16		
100-51-6	Benzyl alcohol	0.431 U	0.050 0.431		
92-52-4	Biphenyl	0.431 U	0.014 0.431		
111-91-1	Bis(2-Chloroethoxy)methane	0.431 U	0.024 0.431		
111-44-4	Bis(2-Chloroethyl)ether	0.431 U	0.033 0.431		
108-60-1	bis(2-Chloroisopropyl)ether	0.431 U	0.022 0.431		
117-81-7	bis(2-ethylhexyl)phthalate	0.154	0.017 0.086	_	
85-68-7	Butylbenzylphthalate	0.431 U	0.00909 0.431		
105-60-2	Caprolactam	0.431 U	0.046 0.431		
86-74-8	Carbazole	0.431 U	0.031 0.431		
218-01-9	Chrysene	0.133 J	0.015 0.431		
84-74-2	Di-n-butylphthalate	0.431 U	0.010 0.431		
117-84-0	Di-n-octylphthalate	0.431 U	0.014 0.431		
53-70-3	Dibenz(a,h)anthracene	0.086 U	0.012 0.086		
132-64-9	Dibenzofuran	0.431 U	0.015 0.431	-	
84-66-2	Diethylphthalate	0.045 J	0.040 0.431		
131-11-3	Dimethyl-phthalate	0.431 U	0.00955 0.431		
206-44-0	Fluoranthene	0.178 J	0.00954 0.431		
86-73-7	Fluorene	0.086 U	0.013 0.086		
118-74-1	Hexachlorobenzene	0.431 U	0.052 0.431		
77-47-4	Hexachlorocyclopentadiene	0.431 U	0.064 0.431		
67-72-1	Hexachloroethane	0.431 U	0.064 0.431	_	
193-39-5	Indeno(1,2,3-cd)pyrene	0.333 J	0.017 0.431		
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Lab Name: _G	SCAL		Sample ID: S	C-W		
Lab Code: LA	A024 Case No.:		Contract:			
SAS No.:	SDG No.: 2110114	05	Lab File ID: 2	110114/e79	91	
Matrix: Solid			Lab Sample ID	2110114	0512	
Sample wt/vol:	30 Units: g		Date Collected	01/13/11	Time:	1645
Level: (low/med	d) LOW		Date Received	01/14/11		
% Moisture:	23.5 decanted: (Y/N)		Date Extracted	01/14/11		
GC Column:	RTX-5MS-30 ID: .25	(mm)	Date Analyzed	01/14/11	Time:	2000
Concentrated E	Extract Volume: 1000	(µL)	Dilution Factor	1	Analy	st: KCB
Injection Volum	ne: 1.0	(µL)	Prep Method:	3550B		
GPC Cleanup:	(Y/N) N pH:		Analytical Meth	nod: SW-8	46 8270	
CONCENTRA	TION UNITS: mg/kg COMPOUND		Prep Batch: RESULT		Analytical Ba	tch: 448983
78-59-1	Isophorone		0.431	U	0.014	0.431
98-95-3	Nitrobenzene		0.431	U	0.020	0.431
87-86-5	Pentachlorophenol		2.16	U	0.035	2.16
85-01-8	Phenanthrene		0.105		0.018	0.086
108-95-2	Phenol		0.431	U	0.021	0.431
129-00-0	Pyrene		0.220	J	0.060	0.431
110-86-1	Pyridine		0.431	U	0.024	0.431
1319-77-3M	m,p-Cresol		0.431	U	0.076	0.431
621-64-7	N-Nitroso-di-n-propylamine		0.086	U	0.022	0.086
62-75-9	N-Nitrosodimethylamine		0.431	U	0.022	0.431
86-30-6	N-Nitrosodiphenylamine		0.431	U	0.014	0.431
95-48-7	o-Cresol		0.431	U	0.013	0.431

Lab Name: (GCAL	Sample ID: SC-E	
Lab Code: L		Contract:	
-	SDG No.: 211011405	Lab File ID: 2110114/e7	
Matrix: Solid		Lab Sample ID: 211011	Manager Manage
	: 30.2 Units: g	Date Collected: 01/13/1	1 Time: 1655
Level: (low/me	ed) LOW	Date Received: 01/14/1	1
% Moisture:	26.3 decanted: (Y/N)	Date Extracted: 01/14/1	1
	RTX-5MS-30 ID: .25 (mm)	Date Analyzed: 01/14/1	1 Time: 2016
			Analyst: KCB
	Extract Volume: 1000 (µL)		Thursday 1100
Injection Volum	me: 1.0 (µL)	Prep Method: 3550B	
GPC Cleanup:	: (Y/N) N pH:	Analytical Method: SW-	846 8270
		Instrument ID: MSSV4	
CONCENTRA	TION UNITS: mg/kg	CONTRACTOR CONTRACTOR CONTRACTOR	G-HAZONE-NEGACI/MA
		Prep Batch: 448916	Analytical Batch: 448983
CAS NO.	COMPOUND	RESULT	MDL RL
122-66-7	1,2 Diphenylhydrazine	0.445 U	0.010 0.445
95-95-4	2,4,5-Trichlorophenol	0.445 U	0.053 0.445
88-06-2	2,4,6-Trichlorophenol	0.445 U	0.070 0.445
120-83-2	2,4-Dichlorophenol	0.445 U	0.072 0.445
105-67-9	2,4-Dimethylphenol	0.445 U	0.057 0.445
51-28-5	2,4-Dinitrophenol	2.22 U	0.238 2.22
121-14-2	2,4-Dinitrotoluene	0.445 U	0.063 0.445
606-20-2	2,6-Dinitrotoluene	0.445 U	0.026 0.445
91-58-7	2-Chloronaphthalene	0.445 U	0.024 0.445
95-57-8	2-Chlorophenol	0.445 U	0.034 0.445
91-57-6	2-Methylnaphthalene	0.073 J	0.024 0.089
88-74-4	2-Nitroaniline	2.22 U	0.050 2.22
88-75-5	2-Nitrophenol	0.445 U	0.020 0.445
91-94-1	3,3'-Dichlorobenzidine	0.889 U	0.284 0.889
99-09-2	3-Nitroaniline	2.22 U	0.054 2.22
534-52-1	2-Methyl-4,6-dinitrophenol	2.22 U	0.044 2.22
101-55-3	4-Bromophenyl-phenylether	0.445 U	0.039 0.445
59-50-7	4-Chloro-3-methylphenol	0.445 U	0.035 0.445
106-47-8	4-Chloroaniline	0.445 U	0.044 0.445
7005-72-3	4-Chlorophenyl-phenylether	0.445 U	0.049 0.445
100-01-6	4-Nitroaniline	2.22 U	0.083 2.22
100-01-0	4-Nitrophenol	2.22 U	0.154 2.22
83-32-9	Acenaphthene	0.089 U	0.025 0.089
208-96-8	Acenaphthylene	0.089 U	0.015 0.089
98-86-2	Acetophenone	0.445 U	0.015 0.069
62-53-3	Aniline	0.445 U	0.028 0.445
120-12-7	Anthracene	0.025 J	
1912-24-9	Atrazine (Aatrex)	0.025 J	0.016 0.089 0.066 0.889
100-52-7	Benzaldehyde		
100-32-7	Delizaldeliyde	0.889 U	0.040 0.889

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Lab Name: G	CAL	Sample ID: SC-E						
Lab Code: LA	0024 Case No.:	Contract:						
SAS No.:	SDG No.: 211011405	Lab File ID: 2110114/e7992						
Matrix: Solid		Lab Sample ID: 21101140513						
Sample wt/vol:	30.2 Units: g	Date Collected: 01/13/1	1 Time:	1655				
Level: (low/med	WT LANGUAGE	Date Received: 01/14/1	1					
% Moisture: 2	26.3 decanted: (Y/N)	Date Extracted: 01/14/1	1					
	RTX-5MS-30 ID: .25 (mm)	Date Analyzed: 01/14/1	1 Time;	2016				
	Extract Volume: 1000 (µL)	Dilution Factor: 1	Analys	t: KCB				
	ne: 1.0 (µL)	Prep Method: 3550B						
		Analytical Method: SW	-846 8270					
GPC Cleanup:	(Y/N) N pH:	W at the property of the second	0,000,0					
CONCENTRAT	TION UNITS: mg/kg	Instrument ID: MSSV4						
		Prep Batch: 448916	THE WALLES	100000				
CAS NO.	COMPOUND	RESULT	MDL	RL				
92-87-5	Benzidine	2.22 U	2.22	2.22				
56-55-3	Benzo(a)anthracene	0.060 J	0.019	0.089				
50-32-8	Benzo(a)pyrene	0.062 J	0.026	0.089				
205-99-2	Benzo(b)fluoranthene	0.244 J	0.014	0.445				
191-24-2	Benzo(g,h,i)perylene	0.228 J	0.012	0.445				
207-08-9	Benzo(k)fluoranthene	0.038 J	0.020	0.445				
65-85-0	Benzoic acid	2.22 U	0.154	2.22				
100-51-6	Benzyl alcohol	0.445 U	0.052	0.445				
92-52-4	Biphenyl	0.445 U	0.015	0.445				
111-91-1	Bis(2-Chloroethoxy)methane	0.445 U	0.025	0.445				
111-44-4	Bis(2-Chloroethyl)ether	0.445 U	0.034	0.445				
108-60-1	bis(2-Chloroisopropyl)ether	0.445 U	0.023	0.445				
117-81-7	bis(2-ethylhexyl)phthalate	0.123	0.017	0.089				
85-68-7	Butylbenzylphthalate	0.445 U	0.00938	0.445				
105-60-2	Caprolactam	0.445 U	0.047	0.445				
86-74-8	Carbazole	0.445 U	0.032	0.445				
218-01-9	Chrysene	0.081 J	0.015	0.445				
84-74-2	Di-n-butylphthalate	0.445 U	0.011	0.445				
117-84-0	Di-n-octylphthalate	0.445 U	0.015	0.445				
53-70-3	Dibenz(a,h)anthracene	0.089 U	0.012	0.089				
132-64-9	Dibenzofuran	0.445 U	0.015	0.445				
84-66-2	Diethylphthalate	0.445 U	0.041	0.445				
131-11-3	Dimethyl-phthalate	0.445 U	0.00985	0.445				
206-44-0	Fluoranthene	0.111 J	0.00984	0.445				
86-73-7	Fluorene	0.018 J	0.014	0.089				
118-74-1	Hexachlorobenzene	0.445 U	0.053	0.445				
77-47-4	Hexachlorocyclopentadiene	0.445 U	0.066	0.445				
67-72-1	Hexachloroethane	0.445 U	0.066	0.445				
193-39-5	Indeno(1,2,3-cd)pyrene	0.259 J	0.018	0.445				

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Lab Name: C	GCAL	Sample ID: SC-E		
Lab Code: L	A024 Case No.:	Contract:		
SAS No.:	SDG No.: 211011405	Lab File ID: 2110114/	e7992	
Matrix: Solid		Lab Sample ID: 2110	1140513	
Sample wt/vol:	30.2 Units: g	Date Collected: 01/13	3/11 Time:	1655
Level: (low/me	d) LOW	Date Received: 01/14	/11	
% Moisture:	26.3 decanted: (Y/N)	Date Extracted: 01/14	V11	
GC Column:	RTX-5MS-30 ID: .25 (mm)	Date Analyzed: 01/14	1/11 Time	2016
Concentrated I	Extract Volume: 1000 (µL)	Dilution Factor: 1	Anal	yst: KCB
Injection Volun	ne: 1.0 (µL)	Prep Method: 3550B		
	(Y/N) N pH:	Analytical Method: S	W-846 8270	
		Instrument ID: MSSV4	4	
CONCENTRA	TION UNITS: mg/kg	Prep Batch: 448916	Analytical Ba	atch: 448983
CAS NO.	COMPOUND	RESULT	MDL	RL
78-59-1	Isophorone	0.445 U	0.015	0.445
98-95-3	Nitrobenzene	0.445 U	0.021	0.445
37-86-5	Pentachlorophenol	2.22 U	0.036	2.22
35-01-8	Phenanthrene	0.077 J	0.018	0.089
108-95-2	Phenol	0.445 U	0.022	0.445
29-00-0	Pyrene	0.122 J	0.062	0.445
10-86-1	Pyridine	0.445 U	0.025	0.445
319-77-3M	m,p-Cresol	0.445 U	0.078	0.445
321-64-7	N-Nitroso-di-n-propylamine	0.089 U	0.022	0.089
32-75-9	N-Nitrosodimethylamine	0.445 U	0.023	0.445
86-30-6	N-Nitrosodiphenylamine	0.445 U	0.014	0.445
95-48-7	o-Cresol	0.445 U	0.014	0.445

Lab Name: 0	GCAL	Sample ID: EQUIPMENT	BLANK						
Lab Code: L		Contract:							
SAS No.:	SDG No.: 211011405	Lab File ID: 2110114/e7976							
Matrix: Wate		Lab Sample ID: 2110114	0514						
Sample wt/vol:	: 990 Units: mL	Date Collected: 01/13/11	Time: 1710						
Level: (low/me		Date Received: 01/14/11							
	decanted: (Y/N)	Date Extracted: 01/14/11							
Parentee.	A STREET, STATE OF THE STATE OF								
GC Column:	RTX-5MS-30 ID:25 (mm)	Date Analyzed: 01/14/11							
Concentrated	Extract Volume: 1000 (µL)	Dilution Factor: 1	Analyst: KCB						
Injection Volum	me: 1.0 (µL)	Prep Method: 3510C							
	(Y/N) N pH:	Analytical Method: SW-8	346 8270						
or o oleanup.	(I/A) N pil.								
CONCENTRA	TION UNITS: mg/L	Instrument ID: MSSV4	TWO-DOWNSHIP AND AND AND AND AND AND AND AND AND AND						
OONOLINIO	more of the same	Prep Batch: 448924	Analytical Batch: 448983						
CAS NO.	COMPOUND	RESULT	MDL RL						
122-66-7	1,2 Diphenylhydrazine	0.010 U	0.000192 0.010						
95-95-4	2,4,5-Trichlorophenol	0.010 U	0.000126 0.010						
88-06-2	2,4,6-Trichlorophenol	0.010 U	0.000167 0.010						
120-83-2	2,4-Dichlorophenol	0.010 U	0.000210 0.010						
105-67-9	2,4-Dimethylphenol	0.010 U	0.000198 0.010						
51-28-5	2,4-Dinitrophenol	0.010 U	0.00305 0.010						
121-14-2	2,4-Dinitrotoluene	0.010 U	0.000251 0.010						
606-20-2	2,6-Dinitrotoluene	0.010 U	0.000292 0.010						
91-58-7	2-Chloronaphthalene	0.010 U	0.000216 0.010						
95-57-8	2-Chlorophenol	0.010 U	0.000184 0.010						
91-57-6	2-Methylnaphthalene	0.010 U	0.000213 0.010						
88-74-4	2-Nitroaniline	0.010 U	0.000152 0.010						
88-75-5	2-Nitrophenol	0.010 U	0.000153 0.010						
91-94-1	3,3'-Dichlorobenzidine	0.010 U	0.000168 0.010						
99-09-2	3-Nitroaniline	0.010 U	0.00129 0.010						
534-52-1	2-Methyl-4,6-dinitrophenol	0.010 U	0.00244 0.010						
101-55-3	4-Bromophenyl-phenylether	0.010 U	0.000282 0.010						
59-50-7	4-Chloro-3-methylphenol	0.010 U	0.000273 0.010						
106-47-8	4-Chloroaniline	0.010 U	0.000139 0.010						
7005-72-3	4-Chlorophenyl-phenylether	0.010 U	0.000261 0.010						
100-01-6	4-Nitroaniline	0.010 U	0.000231 0.010						
100-02-7	4-Nitrophenol	0.010 U	0.000705 0.010						
83-32-9	Acenaphthene	0.010 U	0.000204 0.010						
208-96-8	Acenaphthylene	0.010 U	0.000119 0.010						
98-86-2	Acetophenone	0.010 U	0.000245 0.010						
62-53-3	Aniline	0.010 U	0.000212 0.010						
120-12-7	Anthracene	0.010 U	0.000159 0.010						
1912-24-9	Atrazine (Aatrex)	0.051 U	0.000321 0.051						
100-52-7	Benzaldehyde	0.051 U	0.00335 0.051						

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Lab Name: _C	GCAL	Sample ID: EQUIPMENT BLANK						
Lab Code: L	A024 Case No.:	Contract:						
SAS No.:	SDG No.: 211011405	Lab File ID: 2110114/e7976						
Matrix: Wate	er .	Lab Sample ID: 21101140514						
Sample wt/vol:	990 Units: mL	Date Collected: 01/13/1	1 Time: 1710					
Level: (low/me		Date Received: 01/14/1						
% Moisture:	decanted: (Y/N)	Date Extracted: 01/14/1	1					
	RTX-5MS-30 ID: .25 (mm)	Date Analyzed: 01/14/1	1 Time: 1549					
	Extract Volume: 1000 (µL)	Dilution Factor: 1 Analyst: KCB						
		Prep Method: 3510C						
	ne: (µL)	Analytical Method: SW-846 8270						
GPC Cleanup:	(Y/N) N pH:	-	010 02/0					
CONCENTRA	TION UNITS: mg/L	Instrument ID: MSSV4						
CONCENTRA	HON DIVITS. HIG/L	Prep Batch: 448924	Analytical Batch: 448983					
CAS NO.	COMPOUND	RESULT	MDL RL					
92-87-5	Benzidine	0.051 U	0.00310 0.051					
56-55-3	Benzo(a)anthracene	0.010 U	0.000159 0.010					
50-32-8	Benzo(a)pyrene	0.010 U	0.000123 0.010					
205-99-2	Benzo(b)fluoranthene	0.010 U	0.000242 0.010					
191-24-2	Benzo(g,h,i)perylene	0.010 U	0.000162 0.010					
207-08-9	Benzo(k)fluoranthene	0.010 U	0.000239 0.010					
65-85-0	Benzoic acid	0.010 U	0.00343 0.010					
100-51-6	Benzyl alcohol	0.010 U	0.000320 0.010					
92-52-4	Biphenyl	0.010 U	0.000140 0.010					
111-91-1	Bis(2-Chloroethoxy)methane	0.010 U	0.000305 0.010					
111-44-4	Bis(2-Chloroethyl)ether	0.010 U	0.000139 0.010					
108-60-1	bis(2-Chloroisopropyl)ether	0.010 U	0.000139 0.010					
117-81-7	bis(2-ethylhexyl)phthalate	0.010 U	0.000242 0.010					
85-68-7	Butylbenzylphthalate	0.010 U	0.000346 0.010					
105-60-2	Caprolactam	0.010 U	0.00118 0.010					
86-74-8	Carbazole	0.010 U	0.000211 0.010					
218-01-9	Chrysene	0.010 U	0.000267 0.010					
84-74-2	Di-n-butylphthalate	0.010 U	0.000145 0.010					
117-84-0	Di-n-octylphthalate	0.010 U	0.000263 0.010					
53-70-3	Dibenz(a,h)anthracene	0.010 U	0.000263 0.010					
132-64-9	Dibenzofuran	0.010 U	0.000126 0.010					
84-66-2	Diethylphthalate	0.010 U	0.000099 0.010					
131-11-3	Dimethyl-phthalate	0.010 U	0.000151 0.010					
206-44-0	Fluoranthene	0.010 U	0.000175 0.010					
86-73-7	Fluorene	0.010 U	0.000135 0.010					
118-74-1	Hexachlorobenzene	0.010 U	0.000260 0.010					
77-47-4	Hexachlorocyclopentadiene	0.010 U	0.000132 0.010					
67-72-1	Hexachloroethane	0.010 U	0.00111 0.010					
193-39-5	Indeno(1,2,3-cd)pyrene	0.010 U	0.000270 0.010					

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Lab Name: G	SCAL	Sample ID: EQUIPME	ENT BLANK	
Lab Code: LA	A024 Case No.:	Contract:		
SAS No.:	SDG No.: 211011405	Lab File ID: 2110114/	e7976	
Matrix: Wate	r	Lab Sample ID: 21101	1140514	
Sample wt/vol:	990 Units: mL	Date Collected: 01/13	/11 Time:	1710
Level: (low/me	d) LOW	Date Received: 01/14	/11	
% Moisture:	decanted: (Y/N)	Date Extracted: 01/14	/11	
GC Column:	RTX-5MS-30 ID: .25 (mm)	Date Analyzed: 01/14	/11 Time:	1549
Concentrated I	Extract Volume: 1000 (µL)	Dilution Factor: 1	Analy	st: KCB
Injection Volun	ne: 1.0 (µL)	Prep Method: 3510C		
GPC Cleanup:	(Y/N) N pH:	Analytical Method: SN	N-846 8270	
		Instrument ID: MSSV4		
CONCENTRA	TION UNITS: mg/L	Prep Batch: 448924	Analytical Bat	tch: 448983
CAS NO.	COMPOUND	RESULT	MDL	RL
78-59-1	Isophorone	0.010 U	0.000119	0.010
98-95-3	Nitrobenzene	0.010 U	0.000222	0.010
87-86-5	Pentachlorophenol	0.010 U	0.00154	0.010
85-01-8	Phenanthrene	0.010 U	0.000152	0.010
	The Control of the Co			
108-95-2	Phenol	0.010 U	0.000244	0.010
108-95-2 129-00-0	Phenol Pyrene	0.010 U 0.010 U	0.000244 0.000203	0.010
129-00-0				
129-00-0 110-86-1	Pyrene	0.010 U	0.000203	0.010
129-00-0 110-86-1 1319-77-3M	Pyrene Pyridine	0.010 U 0.010 U	0.000203 0.00156	0.010 0.010
129-00-0 110-86-1	Pyrene Pyridine m,p-Cresol	0.010 U 0.010 U 0.010 U	0.000203 0.00156 0.000335	0.010 0.010 0.010
129-00-0 110-86-1 1319-77-3M 621-64-7	Pyrene Pyridine m,p-Cresol N-Nitroso-di-n-propylamine	0.010 U 0.010 U 0.010 U 0.010 U	0.000203 0.00156 0.000335 0.000376	0.010 0.010 0.010 0.010

Lab Name: G	GCAL	Sample ID: MB912490						
Lab Code: LA	A024 Case No.:	Contract:						
SAS No.:	SDG No.: 211011405	Lab File ID: 2110114/e7977						
Matrix: Solid		Lab Sample ID: 912490						
Sample wt/vol:	30.1 Units: g	Date Collected: Time:						
Level: (low/med		Date Received:						
% Moisture:	decanted: (Y/N)	Date Extracted: 01/14/11						
57755500 S	RTX-5MS-30 ID: .25 (mm)	Date Analyzed: 01/14/11	Time: 1606					
	Extract Volume: 1000 (µL)	· · · · · · · · · · · · · · · · · · ·	Analyst: KCB					
		Prep Method: 3550B						
	ne: 1.0 (µL)	SC TO A PROVINGE CONTROL CONTR						
GPC Cleanup:	(Y/N) N pH:	Analytical Method: SW-8	46 82/0					
CONCENTRAT	TION UNITS: mg/kg	Instrument ID: MSSV4	Applicat Databa 440003					
040 40	COMPOUND	Prep Batch: 448916	HARMANIAN CONTROL CONT					
CAS NO.	COMPOUND	RESULT	MDL RL					
208-96-8	Acenaphthylene	0.066 U	0.011 0.066					
120-12-7	Anthracene	0.066 U	0.012 0.066					
56-55-3	Benzo(a)anthracene	0.066 U	0.014 0.066					
92-87-5	Benzidine	1.64 U	1.64 1.64					
205-99-2	Benzo(b)fluoranthene	0.329 U	0.010 0.329					
207-08-9	Benzo(k)fluoranthene	0.329 U	0.015 0.329					
191-24-2	Benzo(g,h,i)perylene	0.329 U	0.00909 0.329					
50-32-8	Benzo(a)pyrene	0.066 U	0.019 0.066					
65-85-0	Benzoic acid	1.64 U	0.114 1.64					
85-68-7	Butylbenzylphthalate	0.329 U	0.00694 0.329					
111-91-1	Bis(2-Chloroethoxy)methane	0.329 U	0.018 0.329					
111-44-4	Bis(2-Chloroethyl)ether	0.329 U	0.025 0.329					
108-60-1	bis(2-Chloroisopropyl)ether	0.329 U	0.017 0.329					
117-81-7	bis(2-ethylhexyl)phthalate	0.066 U	0.013 0.066					
101-55-3	4-Bromophenyl-phenylether	0.329 U	0.029 0.329					
86-74-8	Carbazole	0.329 U	0.024 0.329					
7005-72-3	4-Chlorophenyl-phenylether	0.329 U	0.037 0.329					
218-01-9	Chrysene	0.329 U	0.011 0.329					
53-70-3	Dibenz(a,h)anthracene	0.066 U	0.00903 0.066					
132-64-9	Dibenzofuran	0.329 U	0.011 0.329					
91-94-1	3,3'-Dichlorobenzidine	0.658 U	0.210 0.658					
120-83-2	2,4-Dichlorophenol	0.329 U	0.053 0.329					
84-66-2	Diethylphthalate	0.329 U	0.030 0.329					
105-67-9	2,4-Dimethylphenol	0.329 U	0.042 0.329					
131-11-3	Dimethyl-phthalate	0.329 U	0.00729 0.329					
117-84-0	Di-n-octylphthalate	0.329 U	0.011 0.329					
51-28-5	2,4-Dinitrophenol	1.64 U	0.176 1.64					
606-20-2	2,6-Dinitrotoluene	0.329 U	0.019 0.329					
206-44-0	Fluoranthene	0.329 U	0.00728 0.329					

FORM I SV-1

193-39-5 Indeno(1,2,3-cd)pyrene 0.329 U 0.013 0.329 91-57-6 2-Methylnaphthalene 0.066 U 0.018 0.066 95-48-7 o-Cresol 0.329 U 0.010 0.329 98-95-3 Nitrobenzene 0.329 U 0.015 0.329 88-75-5 2-Nitrophenol 0.329 U 0.015 0.329 86-30-6 N-Nitrosodimethylamine 0.329 U 0.017 0.329 86-30-6 N-Nitrosodiphenylamine 0.329 U 0.010 0.329 85-01-8 Phenanthrene 0.066 U 0.013 0.066 95-95-4 2.4,5-Trichlorophenol 0.329 U 0.039 0.329 88-06-2 2.4,6-Trichlorophenol 0.329 U 0.052 0.329 88-06-2 2.4,6-Trichlorophenol 0.329 U 0.038 0.329 100-51-6 Benzyl alcohol 0.329 U 0.038 0.329 100-51-6 Benzyl alcohol 0.329 U 0.018 0.329 110-86-1 Pyridine 0.329 U 0.018 0.329 110-86-1 Pyridine 0.329 U 0.019 0.329 105-60-2 Caprolactam 0.329 U 0.035 0.329 99-09-2 3-Nitroaniline 1.64 U 0.040 1.64 100-01-6 4-Nitroaniline 1.64 U 0.0794 0.329 122-66-7 1.2 Diphenylhydrazine 0.329 U 0.00749 0.329 122-66-7 1.2 Diphenylhydrazine 0.329 U 0.00749 0.329 1912-24-9 Atrazine (Aatrex) 0.658 U 0.049 0.658	Lab Name: Go	CAL	Sample ID: MB912490						
Matrix Solid Lab Sample ID: 912490 Date Collected: Time:	Lab Code: LA	024 Case No.:	Contract:						
Date Collected: Time: Collected: Time: Collected: Time: Collected: C	SAS No.:	SDG No.: 211011405	Lab File ID: 2110114/e7977						
Date Received: Date Received: Date Extracted: O1/14/11 Date Analyzed: O1/14/11 Time: 1606 O2/14/11 Time: O2/14/11 Date Analyzed: O1/14/11 Time: O2/14/11 Date Analyzed: O1/14/11 Time: O2/14/11 Date Analyzed: O1/14/11 Date Analyzed: O1/14/11 Date Analyzed: O1/14/11 Date Analyzed: O2/14/11 Date Analyzed: O2/14/14/11 Date Analyzed: O2/14/14/11 Date Analyzed: O2/14/14/14 O2/14/14 O2/14/14 O2/14/14 O2/14/14 O2/14/14 O2/14/14	Matrix: Solid		Lab Sample ID: 912490						
Date Received: Date Received: Date Extracted: O1/14/11 Date Analyzed: O1/14/11 Time: 1606 O2/14/11 Time: O2/14/11 Date Analyzed: O1/14/11 Time: O2/14/11 Date Analyzed: O1/14/11 Time: O2/14/11 Date Analyzed: O1/14/11 Date Analyzed: O1/14/11 Date Analyzed: O1/14/11 Date Analyzed: O2/14/11 Date Analyzed: O2/14/14/11 Date Analyzed: O2/14/14/11 Date Analyzed: O2/14/14/14 O2/14/14 O2/14/14 O2/14/14 O2/14/14 O2/14/14 O2/14/14	Sample wt/vol:	30.1 Units: g	Date Collected: Time:						
Date Analyzed: 01/14/11 Time: 1606 Concentrated Extract Volume: 1.0		1011							
Concentrated Extract Volume: 1.0	% Moisture:	decanted: (Y/N)	Date Extracted: 01/14/11						
Injection Volume: 1.0	GC Column: R	TX-5MS-30 ID: .25 (mm)	Date Analyzed: 01/14/11 Time: 1606						
Prep Method: 3550B Analytical Method: SW-846 8270 Instrument ID: MSSV4	Concentrated Ex	xtract Volume: 1000 (µL)	Dilution Factor: 1 Analyst: KCB						
Analytical Method: SW-846 8270 Instrument ID: MSSV4			Prep Method: 3550B						
Instrument ID: MSSV4 Prep Batch: 448916 Analytical Batch: 448983 An			Analytical Method: SW-846 8270						
CONCENTRATION UNITS: mg/kg Prep Batch: 448916 Analytical Batch: 448983 CCAS NO. COMPOUND RESULT MDL RL 86-73-7 Fluorene 0.066 U 0.010 0.066 118-74-1 Hexachlorobenzene 0.329 U 0.039 0.329 77-47-4 Hexachlorocyclopentadiene 0.329 U 0.049 0.329 67-72-1 Hexachlorochane 0.329 U 0.049 0.329 78-59-1 Isophorone 0.329 U 0.011 0.329 91-57-6 2-Methylnaphthalene 0.066 U 0.013 0.329 91-57-6 2-Methylnaphthalene 0.066 U 0.018 0.066 95-48-7 o-Cresol 0.329 U 0.010 0.329 88-75-5 2-Nitrophenol 0.329 U 0.015 0.329 88-75-5 2-Nitrophenol 0.329 U 0.015 0.329 86-27-7-9 N-Nitrosodimethylami		, <u> </u>	Instrument ID: MSSV4						
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95-95-4	86-30-6	N-Nitrosodiphenylamine	0.329 U 0.010 0.329						
88-06-2 2,4,6-Trichlorophenol 0.329 U 0.052 0.329 100-51-6 Benzyl alcohol 0.329 U 0.038 0.329 62-53-3 Aniline 0.329 U 0.018 0.329 110-86-1 Pyridine 0.329 U 0.019 0.329 105-60-2 Caprolactam 0.329 U 0.035 0.329 98-86-2 Acetophenone 0.329 U 0.020 0.329 99-09-2 3-Nitroaniline 1.64 U 0.040 1.64 100-01-6 4-Nitroaniline 1.64 U 0.061 1.64 84-74-2 Di-n-butylphthalate 0.329 U 0.00794 0.329 122-66-7 1,2 Diphenylhydrazine 0.329 U 0.00749 0.329 88-74-4 2-Nitroaniline 1.64 U 0.037 1.64 91-58-7 2-Chloronaphthalene 0.329 U 0.018 0.329 106-47-8 4-Chloroaniline 0.329 U 0.033 0.329 1912-24-9 Atr	85-01-8	Phenanthrene	0.066 U 0.013 0.066						
100-51-6 Benzyl alcohol 0.329 U 0.038 0.329 0.329 U 0.018 0.329 U 0.018 0.329 U 0.018 0.329 U 0.018 0.329 U 0.019 0.329 U 0.019 0.329 U 0.020 0.329 U 0.035 0.329 U 0.020 0.329 U 0.040 0.64 U 0.040 0.64 U 0.061 0.64 U 0.061 0.64 U 0.061 0.64 U 0.061 0.329 U 0.00794 0.329 U 0.00794 0.329 U 0.00749 U 0	95-95-4	2,4,5-Trichlorophenol	0.329 U 0.039 0.329						
62-53-3 Aniline 0.329 U 0.018 0.329 110-86-1 Pyridine 0.329 U 0.019 0.329 105-60-2 Caprolactam 0.329 U 0.035 0.329 98-86-2 Acetophenone 0.329 U 0.020 0.329 99-09-2 3-Nitroaniline 1.64 U 0.040 1.64 100-01-6 4-Nitroaniline 1.64 U 0.061 1.64 84-74-2 Di-n-butylphthalate 0.329 U 0.00794 0.329 122-66-7 1,2 Diphenylhydrazine 0.329 U 0.00749 0.329 88-74-4 2-Nitroaniline 1.64 U 0.037 1.64 91-58-7 2-Chloronaphthalene 0.329 U 0.018 0.329 106-47-8 4-Chloroaniline 0.329 U 0.033 0.329 1912-24-9 Atrazine (Aatrex) 0.658 U 0.049 0.658	88-06-2	2,4,6-Trichlorophenol	0.329 U 0.052 0.329						
110-86-1 Pyridine 0.329 U 0.019 0.329 105-60-2 Caprolactam 0.329 U 0.035 0.329 98-86-2 Acetophenone 0.329 U 0.020 0.329 99-09-2 3-Nitroaniline 1.64 U 0.040 1.64 100-01-6 4-Nitroaniline 1.64 U 0.061 1.64 84-74-2 Di-n-butylphthalate 0.329 U 0.00794 0.329 122-66-7 1,2 Diphenylhydrazine 0.329 U 0.00749 0.329 88-74-4 2-Nitroaniline 1.64 U 0.037 1.64 91-58-7 2-Chloronaphthalene 0.329 U 0.018 0.329 106-47-8 4-Chloroaniline 0.329 U 0.033 0.329 1912-24-9 Atrazine (Aatrex) 0.658 U 0.049 0.658	100-51-6	Benzyl alcohol	0.329 U 0.038 0.329						
105-60-2 Caprolactam 0.329 U 0.035 0.329 98-86-2 Acetophenone 0.329 U 0.020 0.329 99-09-2 3-Nitroaniline 1.64 U 0.040 1.64 100-01-6 4-Nitroaniline 1.64 U 0.061 1.64 84-74-2 Di-n-butylphthalate 0.329 U 0.00794 0.329 122-66-7 1,2 Diphenylhydrazine 0.329 U 0.00749 0.329 88-74-4 2-Nitroaniline 1.64 U 0.037 1.64 91-58-7 2-Chloronaphthalene 0.329 U 0.018 0.329 106-47-8 4-Chloroaniline 0.329 U 0.033 0.329 1912-24-9 Atrazine (Aatrex) 0.658 U 0.049 0.658	62-53-3	Aniline	0.329 U 0.018 0.329						
98-86-2 Acetophenone 0.329 U 0.020 0.329 99-09-2 3-Nitroaniline 1.64 U 0.040 1.64 100-01-6 4-Nitroaniline 1.64 U 0.061 1.64 84-74-2 Di-n-butylphthalate 0.329 U 0.00794 0.329 122-66-7 1,2 Diphenylhydrazine 0.329 U 0.00749 0.329 88-74-4 2-Nitroaniline 1.64 U 0.037 1.64 91-58-7 2-Chloronaphthalene 0.329 U 0.018 0.329 106-47-8 4-Chloroaniline 0.329 U 0.033 0.329 1912-24-9 Atrazine (Aatrex) 0.658 U 0.049 0.658	110-86-1	Pyridine	0.329 U 0.019 0.329						
99-09-2 3-Nitroaniline 1.64 U 0.040 1.64 100-01-6 4-Nitroaniline 1.64 U 0.061 1.64 84-74-2 Di-n-butylphthalate 0.329 U 0.00794 0.329 122-66-7 1,2 Diphenylhydrazine 0.329 U 0.00749 0.329 88-74-4 2-Nitroaniline 1.64 U 0.037 1.64 91-58-7 2-Chloronaphthalene 0.329 U 0.018 0.329 106-47-8 4-Chloroaniline 0.329 U 0.033 0.329 1912-24-9 Atrazine (Aatrex) 0.658 U 0.049 0.658	105-60-2	Caprolactam	0.329 U 0.035 0.329						
100-01-6 4-Nitroaniline 1.64 U 0.061 1.64 84-74-2 Di-n-butylphthalate 0.329 U 0.00794 0.329 122-66-7 1,2 Diphenylhydrazine 0.329 U 0.00749 0.329 88-74-4 2-Nitroaniline 1.64 U 0.037 1.64 91-58-7 2-Chloronaphthalene 0.329 U 0.018 0.329 106-47-8 4-Chloroaniline 0.329 U 0.033 0.329 1912-24-9 Atrazine (Aatrex) 0.658 U 0.049 0.658	98-86-2	Acetophenone	0.329 U 0.020 0.329						
84-74-2 Di-n-butylphthalate 0.329 U 0.00794 0.329 122-66-7 1,2 Diphenylhydrazine 0.329 U 0.00749 0.329 88-74-4 2-Nitroaniline 1.64 U 0.037 1.64 91-58-7 2-Chloronaphthalene 0.329 U 0.018 0.329 106-47-8 4-Chloroaniline 0.329 U 0.033 0.329 1912-24-9 Atrazine (Aatrex) 0.658 U 0.049 0.658	99-09-2	3-Nitroaniline	1.64 U 0.040 1.64						
122-66-7 1,2 Diphenylhydrazine 0.329 U 0.00749 0.329 88-74-4 2-Nitroaniline 1.64 U 0.037 1.64 91-58-7 2-Chloronaphthalene 0.329 U 0.018 0.329 106-47-8 4-Chloroaniline 0.329 U 0.033 0.329 1912-24-9 Atrazine (Aatrex) 0.658 U 0.049 0.658	100-01-6	4-Nitroaniline	1.64 U 0.061 1.64						
122-66-7 1,2 Diphenylhydrazine 0.329 U 0.00749 0.329 88-74-4 2-Nitroaniline 1.64 U 0.037 1.64 91-58-7 2-Chloronaphthalene 0.329 U 0.018 0.329 106-47-8 4-Chloroaniline 0.329 U 0.033 0.329 1912-24-9 Atrazine (Aatrex) 0.658 U 0.049 0.658	84-74-2	Di-n-butylphthalate	0.329 U 0.00794 0.329						
91-58-7 2-Chloronaphthalene 0.329 U 0.018 0.329 106-47-8 4-Chloroaniline 0.329 U 0.033 0.329 1912-24-9 Atrazine (Aatrex) 0.658 U 0.049 0.658	122-66-7	1,2 Diphenylhydrazine							
91-58-7 2-Chloronaphthalene 0.329 U 0.018 0.329 106-47-8 4-Chloroaniline 0.329 U 0.033 0.329 1912-24-9 Atrazine (Aatrex) 0.658 U 0.049 0.658	88-74-4	2-Nitroaniline	1.64 U 0.037 1.64						
106-47-8 4-Chloroaniline 0.329 U 0.033 0.329 1912-24-9 Atrazine (Aatrex) 0.658 U 0.049 0.658	91-58-7								
1912-24-9 Atrazine (Aatrex) 0.658 U 0.049 0.658	106-47-8								
PROPERTY OF THE PROPERTY OF TH	1912-24-9								
	100-52-7	Control to the Control of the Contro	(CATACONS)						

FORM I SV-1

Lab Name: _C	GCAL	Sample ID: MB912490	
Lab Code: LA	A024 Case No.:	Contract:	
SAS No.:	SDG No.: 211011405	Lab File ID: 2110114/e797	7
Matrix: Solid		Lab Sample ID: 912490	
Sample wt/vol:	30.1 Units: g	Date Collected:	Time:
Level: (low/med	d) LOW	Date Received:	
% Moisture:	decanted: (Y/N)	Date Extracted: 01/14/11	
GC Column:	RTX-5MS-30 ID: .25 (mm)	Date Analyzed: 01/14/11	Time: 1606
Concentrated E	Extract Volume: 1000 (µL)	Dilution Factor: 1	Analyst: KCB
Injection Volum	ne: 1.0 (µL)	Prep Method: 3550B	
GPC Cleanup:	(Y/N) N pH:	Analytical Method: SW-84	16 8270
		Instrument ID: MSSV4	
CONCENTRA	TION UNITS: mg/kg	Prep Batch: 448916	Analytical Batch: 448983
CAS NO.	COMPOUND	RESULT	MDL RL
92-52-4	Biphenyl	0.329 U	0.011 0.329
1319-77-3M	m,p-Cresol	0.329 U	0.058 0.329
534-52-1	2-Methyl-4,6-dinitrophenol	1.64 U	0.032 1.64
108-95-2	Phenol	0.329 U	0.016 0.329
95-57-8	2-Chlorophenol	0.329 U	0.025 0.329
621-64-7	N-Nitroso-di-n-propylamine	0.066 U	0.017 0.066
59-50-7	4-Chloro-3-methylphenol	0.329 U	0.026 0.329
83-32-9	Acenaphthene	0.066 U	0.019 0.066
100-02-7	4-Nitrophenol	1.64 U	0.114 1.64
121-14-2	2,4-Dinitrotoluene	0.329 U	0.046 0.329
87-86-5	Pentachlorophenol	1.64 U	0.027 1.64
129-00-0	Pyrene	0.329 U	0.046 0.329

Lab Name: 0	GCAL	Sample ID: MB912529						
Lab Code: L		Contract:						
SAS No.:	SDG No.: 211011405	Lab File ID: 2110114/e7973						
Matrix: Wate	er	Lab Sample ID: 912529						
Sample wt/vol:	: 1000 Units: mL	Date Collected:	Time:					
Level: (low/me	d) LOW	Date Received:						
% Moisture:	decanted: (Y/N)	Date Extracted: 01/14/11						
22001112-126	RTX-5MS-30 ID: .25 (mm)	Date Analyzed: 01/14/11	Time: 1459					
A A Series Service Control of the Co	Extract Volume: 1000 (µL)	Dilution Factor: 1	Analyst: KCB					
		Prep Method: 3510C						
	ne: (µL)	Analytical Method: SW-84	46 0270					
GPC Cleanup:	(Y/N) N pH:		10 0210					
CONCENTRA	TION UNITS: mg/L	Prep Batch: 448924	Analytical Batch: 448983					
CAS NO.	COMPOUND	RESULT	MDL RL					
208-96-8	Acenaphthylene	0.010 U	0.000118 0.010					
120-12-7	Anthracene	0.010 U	0.000157 0.010					
56-55-3	Benzo(a)anthracene	0.010 U	0.000157 0.010					
92-87-5	Benzidine	0.050 U	0.00307 0.050					
205-99-2	Benzo(b)fluoranthene	0.010 U	0.000240 0.010					
207-08-9	Benzo(k)fluoranthene	0.010 U	0.000237 0.010					
191-24-2	Benzo(g,h,i)perylene	0.010 U	0.000160 0.010					
50-32-8	Benzo(a)pyrene	0.010 U	0.000122 0.010					
65-85-0	Benzoic acid	0.010 U	0.00340 0.010					
85-68-7	Butylbenzylphthalate	0.010 U	0.000343 0.010					
111-91-1	Bis(2-Chloroethoxy)methane	0.010 U	0.000302 0.010					
111-44-4	Bis(2-Chloroethyl)ether	0.010 U	0.000138 0.010					
108-60-1	bis(2-Chloroisopropyl)ether	0.010 U	0.000138 0.010					
117-81-7	bis(2-ethylhexyl)phthalate	0.010 U	0.000240 0.010					
101-55-3	4-Bromophenyl-phenylether	0.010 U	0.000279 0.010					
86-74-8	Carbazole	0.010 U	0.000209 0.010					
7005-72-3	4-Chlorophenyl-phenylether	0.010 U	0.000258 0.010					
218-01-9	Chrysene	0.010 U	0.000264 0.010					
53-70-3	Dibenz(a,h)anthracene	0.010 U	0.000260 0.010					
132-64-9	Dibenzofuran	0.010 U	0.000125 0.010					
91-94-1	3,3'-Dichlorobenzidine	0.010 U	0.000166 0.010					
120-83-2	2,4-Dichlorophenol	0.010 U	0.000208 0.010					
84-66-2	Diethylphthalate	0.010 U	0.000098 0.010					
105-67-9	2,4-Dimethylphenol	0.010 U	0.000196 0.010					
131-11-3	Dimethyl-phthalate	0.010 U	0.000149 0.010					
117-84-0	Di-n-octylphthalate	0.010 U	0.000260 0.010					
51-28-5	2,4-Dinitrophenol	0.010 U	0.00302 0.010					
606-20-2	2,6-Dinitrotoluene	0.010 U	0.000289 0.010					
206-44-0	Fluoranthene	0.010 U	0.000173 0.010					

FORM I SV-1

Lab Code: LA024 Case No.: 211011405 SAS No.: SDG No.: 211011405 Matrix: Water Sample wt/vol: 1000 Units: mL Level: (low/med) LOW % Moisture: decanted: (Y/N) GC Column: RTX-5MS-30 ID: .25 (mm) Concentrated Extract Volume: 1000 (μL) Injection Volume: 1.0 (μL)	Date Extracted Date Analyzed: Dilution Factor: Prep Method: Analytical Meth Instrument ID: Prep Batch: RESULT 0.010 0.010	110114/e79 : 912529 : 01/14/11 : 01/14/11 : 1 3510C nod: SW-8 MSSV4 448924	Time: Time: Analys 46 8270 Analytical Bate MDL	1459 st: KCB
Matrix: Water Sample wt/vol: 1000 Units: mL Level: (low/med) LOW % Moisture: decanted: (Y/N) GC Column: RTX-5MS-30 ID: .25 (mm) Concentrated Extract Volume: 1000 (μL) Injection Volume: 1.0 (μL)	Lab Sample ID Date Collected Date Received Date Extracted Date Analyzed: Dilution Factor: Prep Method: Analytical Meth Instrument ID: Prep Batch: RESULT 0.010 0.010	: 912529 : 01/14/11 : 01/14/11 : 1 3510C nod: SW-8 MSSV4 448924	Time: Time: Analys 46 8270 Analytical Bate MDL	1459 st: KCB
Sample wt/vol: 1000 Units: mL Level: (low/med) LOW % Moisture: decanted: (Y/N) GC Column: RTX-5MS-30 ID: .25 (mm) Concentrated Extract Volume: 1000 (μL) Injection Volume: 1.0 (μL)	Date Collected Date Received Date Extracted Date Analyzed Dilution Factor: Prep Method: Analytical Meth Instrument ID: Prep Batch: RESULT 0.010 0.010	: 01/14/11 : 01/14/11 : 1 : 3510C nod: SW-8 MSSV4	Time: Analys 46 8270 Analytical Bate MDL	1459 st: KCB
Level: (low/med) LOW % Moisture: decanted: (Y/N) GC Column: RTX-5MS-30 ID: .25 (mm) Concentrated Extract Volume: 1000 (μL) Injection Volume: 1.0 (μL)	Date Received Date Extracted Date Analyzed: Dilution Factor: Prep Method: Analytical Meth Instrument ID: Prep Batch: RESULT 0.010 0.010	: 01/14/11 : 01/14/11 : 1 3510C nod: SW-8 MSSV4	Time: Analys 46 8270 Analytical Bate MDL	1459 st: KCB
% Moisture: decanted: (Y/N) GC Column: RTX-5MS-30 ID: .25 (mm) Concentrated Extract Volume: 1000 (μL) Injection Volume: 1.0 (μL)	Date Received Date Extracted Date Analyzed: Dilution Factor: Prep Method: Analytical Meth Instrument ID: Prep Batch: RESULT 0.010 0.010	: 01/14/11 : 01/14/11 : 1 3510C nod: SW-8 MSSV4	Time: Analys 46 8270 Analytical Bate MDL	1459 st: KCB
GC Column: RTX-5MS-30 ID: .25 (mm) Concentrated Extract Volume: 1000 (μL) Injection Volume: 1.0 (μL)	Date Extracted Date Analyzed: Dilution Factor: Prep Method: Analytical Meth Instrument ID: Prep Batch: RESULT 0.010 0.010	: 01/14/11 : 01/14/11 : 1 3510C nod: SW-8 MSSV4 448924	Time: Analys 46 8270 Analytical Bate MDL	1459 st: KCB
GC Column: RTX-5MS-30 ID: .25 (mm) Concentrated Extract Volume: 1000 (μL) Injection Volume: 1.0 (μL)	Dilution Factor: Prep Method: Analytical Method: Instrument ID: Prep Batch: RESULT 0.010 0.010	3510C 3510C MSSV4 448924	Analys 46 8270 Analytical Bate MDL	ch: 448983
Concentrated Extract Volume: 1000 (μL) Injection Volume: 1.0 (μL)	Prep Method: Analytical Method: Instrument ID: Prep Batch: RESULT 0.010 0.010	3510C nod: SW-8 MSSV4 448924	46 8270 Analytical Bate MDL	ch: 448983
Injection Volume: 1.0 (µL)	Prep Method: Analytical Method: Instrument ID: Prep Batch: RESULT 0.010 0.010	3510C nod: SW-8 MSSV4 448924	46 8270 Analytical Bate MDL	ch: 448983
	Analytical Meth Instrument ID: Prep Batch: RESULT 0.010 0.010	MSSV4 448924	Analytical Bate	1000
000 01 0/00 11	Instrument ID: Prep Batch: RESULT 0.010 0.010	MSSV4 448924	Analytical Bate	1000
GPC Cleanup: (Y/N) N pH:	Prep Batch:	448924	MDL	1000
CONCENTRATION UNITS: mg/L	0.010 0.010		MDL	1000
OAS NO SOMBOUND	0.010 0.010			RL
CAS NO. COMPOUND	0.010	U	0.000424	
86-73-7 Fluorene	1,33,57,77,7		0.000134	0.010
118-74-1 Hexachlorobenzene		U	0.000257	0.010
77-47-4 Hexachlorocyclopentadiene	0.010	U	0.000131	0.010
67-72-1 Hexachloroethane	0.010	U	0.00110	0.010
78-59-1 Isophorone	0.010	U	0.000118	0.010
193-39-5 Indeno(1,2,3-cd)pyrene	0.010	U	0.000267	0.010
91-57-6 2-Methylnaphthalene	0.010	U	0.000211	0.010
95-48-7 o-Cresol	0.010	U	0.000182	0.010
98-95-3 Nitrobenzene	0.010	U	0.000220	0.010
88-75-5 2-Nitrophenol	0.010	U	0.000151	0.010
62-75-9 N-Nitrosodimethylamine	0.010	U	0.000515	0.010
86-30-6 N-Nitrosodiphenylamine	0.010	U	0.000170	0.010
85-01-8 Phenanthrene	0.010	U	0.000150	0.010
95-95-4 2,4,5-Trichlorophenol	0.010	U	0.000125	0.010
88-06-2 2,4,6-Trichlorophenol	0.010	U	0.000165	0.010
100-51-6 Benzyl alcohol	0.010	U	0.000317	0.010
62-53-3 Aniline	0.010	U	0.000210	0.010
110-86-1 Pyridine	0.010	U	0.00154	0.010
105-60-2 Caprolactam	0.010	U	0.00117	0.010
98-86-2 Acetophenone	0.010	U	0.000243	0.010
99-09-2 3-Nitroaniline	0.010	U	0.00128	0.010
100-01-6 4-Nitroaniline	0.010	U	0.000229	0.010
84-74-2 Di-n-butylphthalate	0.010	U	0.000144	0.010
122-66-7 1,2 Diphenylhydrazine	0.010	U	0.000190	0.010
88-74-4 2-Nitroaniline	0.010	U	0.000150	0.010
91-58-7 2-Chloronaphthalene	0.010	U	0.000214	0.010
106-47-8 4-Chloroaniline	0.010	U	0.000138	0.010
1912-24-9 Atrazine (Aatrex)	0.050	U	0.000318	0.050
100-52-7 Benzaldehyde	0.050	U	0.00332	0.050

Lab Name: G	GCAL	Sample ID: MB912529							
Lab Code: LA	A024 Case No.:	Contract:							
SAS No.:	SDG No.: 211011405	Lab File ID: 2110114/e7973							
Matrix: Wate	r	Lab Sample ID: 912529							
Sample wt/vol:	1000 Units: mL	Date Collected: Time:							
Level: (low/med	d) LOW	Date Received:							
% Moisture:	decanted: (Y/N)	Date Extracted: 01/14/11							
GC Column: _I	RTX-5MS-30 ID: .25 (mm)	Date Analyzed: 01/14/11 Time: 1459							
Concentrated E	Extract Volume: 1000 (µL)	Dilution Factor: 1 Analyst: KCB							
Injection Volum	ne: 1.0 (µL)	Prep Method: 3510C							
GPC Cleanup:	(Y/N) N pH:	Analytical Method: SW-846 8270							
		Instrument ID: MSSV4							
CONCENTRAT	TION UNITS: mg/L	Prep Batch: 448924 Analytical Batch: 448983							
CAS NO.	COMPOUND	RESULT MDL RL							
92-52-4	Biphenyl	0.010 U 0.000139 0.010							
1319-77-3M	m,p-Cresol	0.010 U 0.000332 0.010							
534-52-1	2-Methyl-4,6-dinitrophenol	0.010 U 0.00242 0.010							
108-95-2	Phenol	0.010 U 0.000242 0.010							
95-57-8	2-Chlorophenol	0.010 U 0.000182 0.010							
621-64-7	N-Nitroso-di-n-propylamine	0.010 U 0.000372 0.010							
59-50-7	4-Chloro-3-methylphenol	0.010 U 0.000270 0.010							
83-32-9	Acenaphthene	0.010 U 0.000202 0.010							
100-02-7	4-Nitrophenol	0.010 U 0.000698 0.010							
121-14-2	2,4-Dinitrotoluene	0.010 U 0.000248 0.010							
87-86-5	Pentachlorophenol	0.010 U 0.00152 0.010							
129-00-0	Pyrene	0.010 U 0.000201 0.010							

2C WATER SEMIVOLATILE SURROGATE RECOVERY

Lab Name: GCAL					Contract:									
Lab Code:	LA024 Case No.:				SAS	SAS No.:				SDG No.: 211011405				
Method: SW-846 8270				Leve	Level: (low/med) LOW		/							
EPA SAMPLE	NO.	SMC1	#	SMC2	#	SMC3	#	SMC4	#	SMC5	#	SMC6	#	TOT OUT
. EQUIPMENT BLAN	K	91		91	П	109	П	41	П	61	П	80		0
MB912529		79	П	80	П	98	П	37	П	56	П	66		0
3 . LCS912530		94		98	П	99	П	44	П	66	П	91		0
LCSD912531		87	П	89	П	97	П	42	\Box	63	\top	83		0

		CONTROL LIMITS	
SMC 1	Nitrobenzene-d5	52	120
SMC 2	2-Fluorobiphenyl	16	128
SMC 3	Terphenyl-d14	43	138
SMC 4	Phenol-d5	10	120
SMC 5	2-Fluorophenol	10	120
SMC 6	2,4,6-Tribromophenol	52	121

[#] Column to be used to flag recovery limits

^{*} Value outside of contract required limits

D Surrogate diluted out

2D SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: GCAL					Contra	-							
Lab Code: LA024	Case No.:		/2	1.0	SAS N	0.:			SDG	No.:	2110114	105	_
Method: SW-846 8270					Level:	(low/i	med) LC	w					
EPA SAMPLE NO.	SMC1	#	SMC2	#	SMC3	#	SMC4	#	SMC5	#	SMC6	#	TOT
1. T-15-F	73	П	74	П	88		73		72	П	69	Т	0
2. T-15-F MS	80		86		83		74		77		73		0
3. T-15-F MSD	76		77		85		74		74		67		0
4. T-21-F	82		85		88		70		71		62		0
5. T-21-F	0	D	0	D	0	D	0	D	0	D	0	D	0
6. NC-0-0.3	75		78		68		67		70		64		0
7. T-2-WEST	77		77		79		75		75		65		0
8. T-6-FLOOR	79	\Box	82	\Box	84		75		77		65	Т	0
9. T-6-EAST	76	\Box	77	\Box	78		78		77		66		0
0. T-6-SOUTH	84	\Box	82		80		79		78		71		0
1. T-6-NORTH	81		80		79		78		76		64		0
12. BLIND DUP	82	П	81		79		79		78		68		0
13. SC-W	83		80		71		73		75		72		0
14. SC-E	74		77		80		75		73		59		0
15. MB912490	75		76		84		70		72		66		0
16. LCS912491	83		89		85		78		80		85		0
17. LCSD912492	82		90		91		81		79		77		0

		CONTRO	L LIMITS
SMC 1	Nitrobenzene-d5	46	123
SMC 2	2-Fluorobiphenyl	47	127
SMC 3	Terphenyl-d14	38	167
SMC 4	Phenol-d5	43	123
SMC 5	2-Fluorophenol	51	119
SMC 6	2,4,6-Tribromophenol	44	121

[#] Column to be used to flag recovery limits

^{*} Value outside of contract required limits

D Surrogate diluted out

3C WATER SEMIVOLATILE LCS/LCSD RECOVERY

Lab Name: GCAL								
Lab Code: LA024	Case No.	.:	SASI	No.:	SDG	No.: 211	011405	j
Contract:			Metho	od: SW-846 8270				
Prep Batch: 448924	Analytica	Batch.:	448983					
Spike HSN: 912530 COMPOUND	UNITS ,	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS % REC	REC FLAG	QC.	LIMITS
1,2 Diphenylhydrazine	mg/L	.1	0	.096	96		20	- 120
2,4,5-Trichlorophenol	mg/L	.1	0	.094	94		60	- 120
2,4,6-Trichlorophenol	mg/L	.1	0	.085	85		59	- 120
2,4-Dichlorophenol	mg/L	.1	0	.086	86	\neg	55	- 120
2,4-Dimethylphenol	mg/L	.1	0	.085	85		14	- 122
2,4-Dinitrophenol	mg/L	.1	0	.08	80		18	- 137
2,4-Dinitrotoluene	mg/L	.1	0	.093	93		37	- 138
2,6-Dinitrotoluene	mg/L	.1	0	.098	98		56	- 128
2-Chloronaphthalene	mg/L	.1	0	.096	96		48	- 120
2-Chlorophenol	mg/L	.1	0	.085	85		42	- 120
2-Methyl-4,6-dinitrophenol	mg/L	.1	0	.079	79	\neg	49	- 120
2-Methylnaphthalene	mg/L	.1	0	.087	87	\neg	40	- 120
2-Nitroaniline	mg/L	.1	0	.089	89		48	- 120
2-Nitrophenol	mg/L	.1	0	.09	90		59	- 120
3,3'-Dichlorobenzidine	mg/L	.1	0	.09	90		51	- 154
3-Nitroaniline	mg/L	.1	0	.089	89		34	- 120
4-Bromophenyl-phenylether	mg/L	.1	0	.105	105		61	- 120
4-Chloro-3-methylphenol	mg/L	.1	0	.082	82		44	- 120
4-Chloroaniline	mg/L	1	0	.1	100		30	- 120
4-Chlorophenyl-phenylether	mg/L	.099	0	.099	100		52	- 120
4-Nitroaniline	mg/L	.101	0	.091	90		38	- 120
4-Nitrophenol	mg/L	.1	0	.043	43		10	- 120
Acenaphthene	mg/L	.1	0	.101	101		52	- 120
Acenaphthylene	mg/L	.1	0	.117	117		55	- 120
Acetophenone	mg/L	.1	0	.096	96		60	- 124
Aniline	mg/L	.1	0	.176	176	*	19	- 124
Anthracene	mg/L	.1	0	.106	106		58	- 120
Atrazine (Aatrex)	mg/L	.1	0	.138	138		39	- 148
Benzaldehyde	mg/L	.1	0	.474	474	*	40	- 118
Benzo(a)anthracene	mg/L	.1	0	.104	104		56	- 120
Benzo(a)pyrene	mg/L	.1	0	.11	110		56	- 120
Benzo(b)fluoranthene	mg/L	.1	0	.098	98		55	- 120
Benzo(g,h,i)perylene	mg/L	.1	0	.09	90		44	- 132
Benzo(k)fluoranthene	mg/L	.1	0	.108	108		49	- 121
Benzoic acid	mg/L	.1	0	.034	34		10	- 120

RPD : 0 out of 69 outside limits

Spike Recovery: 4 out of 138 outside limits

3C WATER SEMIVOLATILE LCS/LCSD RECOVERY

Lab Name: GCAL							
Lab Code: LA024	Case No.:		SAS No.:		SDG No.:	211011405	
Contract:			Method:	SW-846 8270			
Prep Batch: 448924	Analytical Batch.	448983					
Benzyl alcohol	mg/L .1	0		.086	86	32 -	120
Biphenyl	mg/L .1	0		.091	91	39 -	122
Bis(2-Chloroethoxy)methane	mg/L .1	0		.096	96	56 -	120
Bis(2-Chloroethyl)ether	mg/L .1	0		.096	96	37 -	120
Butylbenzylphthalate	mg/L .1	0		.097	97	62 -	122
Caprolactam	mg/L .1	0		.031	31	10 -	120
Carbazole	mg/L .1	0		.09	90	47 -	120
Chrysene	mg/L .1	0		.103	103	58 -	120
Di-n-butylphthalate	mg/L .1	0		.098	98	62 -	122
Di-n-octylphthalate	mg/L .1	0		.084	84	56 -	133
Dibenz(a,h)anthracene	mg/L .1	0		.085	85	50 -	138
Dibenzofuran	mg/L .1	0		.093	93	54 -	120
Diethylphthalate	mg/L .1	0		.101	101	56 -	120
Dimethyl-phthalate	mg/L .1	0		.1	100	59 -	120
Fluoranthene	mg/L .1	0		.096	96	55 -	120
Fluorene	mg/L .1	0		.101	101	54 -	120
Hexachlorobenzene	mg/L .1	0		.097	97	61 -	120
Hexachlorocyclopentadiene	mg/L .1	0		.113	113	16 -	120
Hexachloroethane	mg/L .1	0		.087	87	21 -	120
Indeno(1,2,3-cd)pyrene	mg/L .1	0		.082	82	43 -	133
Isophorone	mg/L .1	0		.094	94	53 -	120
N-Nitroso-di-n-propylamine	mg/L .1	0		.094	94	47 -	120
N-Nitrosodimethylamine	mg/L .1	0		.073	73	12 -	120
N-Nitrosodiphenylamine	mg/L .098	0		.109	111	58 -	121
Nitrobenzene	mg/L .1	0		.095	95	53 -	120
Pentachlorophenol	mg/L .1	0		.075	75	25 -	158
Phenanthrene	mg/L .1	0		.105	105	58 -	120
Phenol	mg/L .1	0		.047	47	16 -	120
Pyrene	mg/L .1	0		.116	116	54 -	120
Pyridine	mg/L .1	0		.043	43	10 -	120
bis(2-Chloroisopropyl)ether	mg/L .1	0		.094	94	47 -	120
bis(2-ethylhexyl)phthalate	mg/L .1	- 0		.089	89	56 -	132
m,p-Cresol	mg/L .1	0		.073	73	24 -	120
o-Cresol	mg/L .1	0		.077	77	31 -	120

RPD: 0 out of 69 outside limits

Spike Recovery: 4 out of 138 outside limits

FORM III SV-1

3C WATER SEMIVOLATILE LCS/LCSD RECOVERY

Lab Name:	GCAL					
Lab Code:	LA024	Case No.:	SAS No.:	SDG No.:	211011405	
Contract:			Method: SW-846 827	70		

Prep Batch: 448924 Analytical Batch.: 448983

Spike Dupe HSN: 912531

COMPOUND	UNITS	SPIKE ADDED	LCSD CONC.	LCSD % REC	REC FLAG	% RPD	RPD FLAG		LIMITS RPD
1,2 Diphenylhydrazine	mg/L	.1	.089	89	T	8	\Box	20 - 120	0 - 50
2,4,5-Trichlorophenol	mg/L	.1	.087	87		8	\neg	60 - 120	0 - 50
2,4,6-Trichlorophenol	mg/L	.1	.08	80		6		59 - 120	0 - 50
2,4-Dichlorophenol	mg/L	.1	.082	82		5	\Box	55 - 120	0 - 50
2,4-Dimethylphenol	mg/L	.1	.082	82		4		14 - 122	0 - 50
2,4-Dinitrophenol	mg/L	.1	.077	77		4		18 - 137	0 - 50
2,4-Dinitrotoluene	mg/L	.1	.088	88		6		37 - 138	0 - 30
2,6-Dinitrotoluene	mg/L	.1	.092	92		6		56 - 128	0 - 50
2-Chloronaphthalene	mg/L	.1	.092	92		4	\neg	48 - 120	0 - 50
2-Chlorophenol	mg/L	.1	.085	85		0		42 - 120	0 - 30
2-Methyl-4,6-dinitrophenol	mg/L	.1	.074	74		7	\top	49 - 120	0 - 50
2-Methylnaphthalene	mg/L	.1	.084	84		4		40 - 120	0 - 50
2-Nitroaniline	mg/L	.1	.086	86		3		48 - 120	0 - 50
2-Nitrophenol	mg/L	.1	.086	86		5		59 - 120	0 - 50
3,3'-Dichlorobenzidine	mg/L	.1	.087	87		3		51 - 154	0 - 50
3-Nitroaniline	mg/L	.1	.085	85		5		34 - 120	0 - 50
4-Bromophenyl-phenylether	mg/L	.1	.101	101		4		61 - 120	0 - 50
4-Chloro-3-methylphenol	mg/L	.1	.08	80	+	2	\neg	44 - 120	0 - 30
4-Chloroaniline	mg/L	.1	.099	99		1	\neg	30 - 120	0 - 50
4-Chlorophenyl-phenylether	mg/L	.099	.094	95		5		52 - 120	0 - 50
4-Nitroaniline	mg/L	.101	.09	89		1		38 - 120	0 - 50
4-Nitrophenol	mg/L	.1	.041	41		5		10 - 120	0 - 30
Acenaphthene	mg/L	.1	.097	97		4		52 - 120	0 - 30
Acenaphthylene	mg/L	.1	.11	110		6		55 - 120	0 - 50
Acetophenone	mg/L	.1	.095	95		1		60 - 124	0 - 50
Aniline	mg/L	.1	.181	181	*	3	\neg	19 - 124	0 - 50
Anthracene	mg/L	.1	.101	101		5		58 - 120	0 - 50
Atrazine (Aatrex)	mg/L	.1	.136	136		1		39 - 148	0 - 50
Benzaldehyde	mg/L	.1	.469	469	*	1		40 - 118	0 - 50
Benzo(a)anthracene	mg/L	.1	.1	100		4		56 - 120	0 - 50
Benzo(a)pyrene	mg/L	.1	.105	105		5		56 - 120	0 - 50
Benzo(b)fluoranthene	mg/L	.1	.099	99	++	1		55 - 120	0 - 50
Benzo(g,h,i)perylene	mg/L	.1	.085	85		6		44 - 132	0 - 50
Benzo(k)fluoranthene	mg/L	.1	.1	100		8		49 - 121	0 - 50
Benzoic acid	mg/L	.1	.032	32		6		10 - 120	0 - 50

RPD:	0	out of	_	69	out	side lim	its
Spike R	ecove	ery:	4	out	of	138	outside limits

3C WATER SEMIVOLATILE LCS/LCSD RECOVERY

Lab Name: GCAL							
Lab Code: LA024	Case No.:			SAS No.:	SI	OG No.: 2110114	05
Contract:				Method: SW-846	8270		
Prep Batch: 448924	Analytical	Batch.:	448983				
Benzyl alcohol	mg/L	.1	.085	85	1	32 - 120	0 - 50
Biphenyl	mg/L	.1	.087	87	4	39 - 122	0 - 50
Bis(2-Chloroethoxy)methane	mg/L	.1	.094	94	2	56 - 120	0 - 50
Bis(2-Chloroethyl)ether	mg/L	.1	.096	96	0	37 - 120	0 - 50
Butylbenzylphthalate	mg/L	1	.096	96	1	62 - 122	0 - 50
Caprolactam	mg/L	.1	.029	29	7	10 - 120	0 - 50
Carbazole	mg/L	.1	.088	88	2	47 - 120	0 - 50
Chrysene	mg/L	.1	.097	97	6	58 - 120	0 - 50
Di-n-butylphthalate	mg/L	.1	.096	96	2	62 - 122	0 - 50
Di-n-octylphthalate	mg/L	.1	.083	83	1	56 - 133	0 - 50
Dibenz(a,h)anthracene	mg/L	.1	.086	86	1	50 - 138	0 - 50
Dibenzofuran	mg/L	.1	.091	91	2	54 - 120	0 - 50
Diethylphthalate	mg/L	.1	.096	96	5	56 - 120	0 - 50
Dimethyl-phthalate	mg/L	.1	.096	96	4	59 - 120	0 - 50
Fluoranthene	mg/L	.1	.095	95	1	55 - 120	0 - 50
Fluorene	mg/L	.1	.096	96	5	54 - 120	0 - 50
Hexachlorobenzene	mg/L	.1	.091	91	6	61 - 120	0 - 50
Hexachlorocyclopentadiene	mg/L	.1	.109	109	4	16 - 120	0 - 50
Hexachloroethane	mg/L	.1	.085	85	2	21 - 120	0 - 50
Indeno(1,2,3-cd)pyrene	mg/L	.1	.074	74	10	43 - 133	0 - 50
Isophorone	mg/L	.1	.091	91	3	53 - 120	0 - 50
N-Nitroso-di-n-propylamine	mg/L	1	.095	95	1	47 - 120	0 - 30
N-Nitrosodimethylamine	mg/L	.1	.073	73	0	12 - 120	0 - 50
N-Nitrosodiphenylamine	mg/L	.098	.102	104	7	58 - 121	0 - 50
Nitrobenzene	mg/L	.1	.09	90	5	53 - 120	0 - 50
Pentachlorophenol	mg/L	.1	.074	74	1	25 - 158	0 - 30
Phenanthrene	mg/L	.1	.097	97	8	58 - 120	0 - 50
Phenol	mg/L	.1	.047	47	0	16 - 120	0 - 30
Pyrene	mg/L	.1	.113	113	3	54 - 120	0 - 30
Pyridine	mg/L	.1	.046	46	7	10 - 120	0 - 50
bis(2-Chloroisopropyl)ether	mg/L	.1	.095	95	1	47 - 120	0 - 50
bis(2-ethylhexyl)phthalate	mg/L	.1	.092	92	3	56 - 132	0 - 50
m,p-Cresol	mg/L	.1	.072	72	1	24 - 120	0 - 50
o-Cresol	mg/L	.1	.078	78	1	31 - 120	0 - 50

RPD:_	0	out of		69	outs	side lim	its
Spike R	ecov	ery:	4	out	of	138	outside limits

_ab Name:	GCAL		Sample ID T-15-	Æ	
_ab Code:	LA024	Case No.:	SAS No.:	SDG No.:	211011405
Contract:		Analytical Method: SW-	846 8270		
Pren Batch	448916	Analytical Batch : 448983			

Spike HSN: 21101140502 COMPOUND	UNITS	SPIKE ADDED	SAMPLE CONCENTRATION	MS CONCENTRATION	MS % REC	MS % REC FLAG	QC.	LIMITS
1,2 Diphenylhydrazine	mg/kg	3.98	0	3.52	89	\top	49	- 120
2,4,5-Trichlorophenol	mg/kg	3.98	0	3.19	80		47	- 120
2,4,6-Trichlorophenol	mg/kg	3.98	0	2.96	74		46	- 120
2,4-Dichlorophenol	mg/kg	3.98	0	2.96	74		47	- 120
2,4-Dimethylphenol	mg/kg	3.98	0	3.04	77		47	- 120
2,4-Dinitrophenol	mg/kg	3.98	0	2.52	63		14	- 120
2,4-Dinitrotoluene	mg/kg	3.98	0	3.27	82	+	45	- 120
2,6-Dinitrotoluene	mg/kg	3.98	0	3.47	87	\top	47	- 120
2-Chloronaphthalene	mg/kg	3.98	0	3.57	90		52	- 120
2-Chlorophenol	mg/kg	3.98	0	2.97	75	\top	48	- 120
2-Methyl-4,6-dinitrophenol	mg/kg	3.98	0	2.94	74		29	- 120
2-Methylnaphthalene	mg/kg	3.98	0	3.21	81		43	- 120
2-Nitroaniline	mg/kg	3.98	0	3.25	82		44	- 120
2-Nitrophenol	mg/kg	3.98	0	3.28	83		49	- 120
3,3'-Dichlorobenzidine	mg/kg	3.98	0	2.85	72		35	- 120
3-Nitroaniline	mg/kg	3.98	0	2.33	59		20	- 120
4-Bromophenyl-phenylether	mg/kg	3.98	0	3.89	98	+	51	- 125
4-Chloro-3-methylphenol	mg/kg	3.98	0	2.83	71		46	- 120
4-Chloroaniline	mg/kg	3.98	0	1.83	46		20	- 120
4-Chlorophenyl-phenylether	mg/kg	3.94	0	3.47	88	1 1	50	- 120
4-Nitroaniline	mg/kg	4.02	0	2.89	72		32	- 120
4-Nitrophenol	mg/kg	3.98	0	2.81	71		32	- 120
Acenaphthene	mg/kg	3.98	0	3.67	92		50	- 120
Acenaphthylene	mg/kg	3.98	0	4.19	105		53	- 120
Acetophenone	mg/kg	3.98	0	3.26	82		49	- 120
Aniline	mg/kg	3.98	0	2.78	70		21	- 131
Anthracene	mg/kg	3.98	0	3.9	98	\neg	52	- 120
Atrazine (Aatrex)	mg/kg	3.98	0	5.17	130	+	43	- 150
Benzaldehyde	mg/kg	3.98	0	.334	8	-	25	- 127
Benzo(a)anthracene	mg/kg	3.98	0	3.74	94		48	- 120
Benzo(a)pyrene	mg/kg	3.98	0	4.04	101		44	- 120
Benzo(b)fluoranthene	mg/kg	3.98	0	3.55	89		31	- 130
Benzo(g,h,i)perylene	mg/kg	3.98	0	3.32	83		29	- 134
Benzo(k)fluoranthene	mg/kg	3.98	0	3.61	91		36	- 122
Benzoic acid	mg/kg	3.98	0	2.23	56		14	- 124
Benzyl alcohol	mg/kg	3.98	0	3.21	81		47	- 120

RPD : 0 out of 69 outside limits

Spike Recovery: 2 out of 138 outside limits

Lab Code: LA024	Case No.:		SAS No.:		SDG No.: 2	211011405
Contract:	Analy	tical Method:	SW-846 8270			
Prep Batch: 448916	Analytical I	Batch.: 4489	983			
Biphenyl	mg/kg	3.98	0	3.22	81	46 - 120
Bis(2-Chloroethoxy)methane	mg/kg	3.98	0	3.49	88	51 - 120
Bis(2-Chloroethyl)ether	mg/kg	3.98	0	3.39	85	46 - 120
Butylbenzylphthalate	mg/kg	3.98	0	3.67	92	46 - 130
Caprolactam	mg/kg	3.98	0	3.12	78	34 - 120
Carbazole	mg/kg	3.98	0	3.39	85	47 - 120
Chrysene	mg/kg	3.98	0	3.57	90	51 - 120
Di-n-butylphthalate	mg/kg	3.98	0	3.78	95	50 - 120
Di-n-octylphthalate	mg/kg	3.98	0	3.57	90	41 - 122
Dibenz(a,h)anthracene	mg/kg	3.98	0	3.32	83	27 - 129
Dibenzofuran	mg/kg	3.98	0	3.32	83	50 - 120
Diethylphthalate	mg/kg	3.98	0	3.61	91	36 - 120
Dimethyl-phthalate	mg/kg	3.98	0	3.62	91	50 - 120
Fluoranthene	mg/kg	3.98	.017	3.83	96	39 - 120
Fluorene	mg/kg	3.98	0	3.61	91	48 - 120
Hexachlorobenzene	mg/kg	3.98	0	3.45	87	48 - 120
Hexachlorocyclopentadiene	mg/kg	3.98	0	4.18	105	23 - 121
Hexachloroethane	mg/kg	3.98	0	2.94	74	40 - 120
Indeno(1,2,3-cd)pyrene	mg/kg	3.98	0	3.32	83	43 - 132
Isophorone	mg/kg	3.98	0 .	3.43	86	49 - 120
N-Nitroso-di-n-propylamine	mg/kg	3.98	0	3.43	86	46 - 120
N-Nitrosodimethylamine	mg/kg	3.98	0	3.18	80	34 - 126
N-Nitrosodiphenylamine	mg/kg	3.9	0	3.88	99	54 - 125
Nitrobenzene	mg/kg	3.98	0	3.34	84	45 - 120
Pentachlorophenol	mg/kg	3.98	0	2.6	65	30 - 124
Phenanthrene	mg/kg	3.98	.011	3.67	92	53 - 120
Phenol	mg/kg	3.98	0	2.95	74	42 - 120
Pyrene	mg/kg	3.98	.021	3.9	98	38 - 136
Pyridine	mg/kg	3.98	0	2.24	56	11 - 120
bis(2-Chloroisopropyl)ether	mg/kg	3.98	0	3.28	83	46 - 120
bis(2-ethylhexyl)phthalate	mg/kg	3.98	0	3.52	89	46 - 129
m,p-Cresol	mg/kg	3.98	0	2.87	72	46 - 120
o-Cresol	mg/kg	3.98	0	2.95	74	46 - 120

RPD : 0 out of 69 outside limits

Spike Recovery: 2 out of 138 outside limits

Lab Name:	GCAL		Sample ID	T-15-F		
Lab Code:	LA024	Case No.:	SAS No.:		SDG No.:	211011405
Contract:		Analytical Method:	SW-846 8270			
Prep Batch:	448916	Analytical Batch.: 4489	983			

Spike Dupe HSN: 21101140503

COMPOUND	UNITS	SPIKE ADDED	MSD CONC.	MSD % REC	REC FLAG	% RPD	RPD FLAG	QC. REC	LIMITS RPD
1,2 Diphenylhydrazine	mg/kg	3.98	3.19	80	\top	10	T	49 - 120	0 - 50
2,4,5-Trichlorophenol	mg/kg	3.98	2.93	74	\neg	9		47 - 120	0 - 40
2,4,6-Trichlorophenol	mg/kg	3.98	2.63	66	\neg	12		46 - 120	0 - 40
2,4-Dichlorophenol	mg/kg	3.98	2.83	71		5		47 - 120	0 - 40
2,4-Dimethylphenol	mg/kg	3.98	2.84	71		7		47 - 120	0 - 40
2,4-Dinitrophenol	mg/kg	3.98	2.16	54		15	\Box	14 - 120	0 - 49
2,4-Dinitrotoluene	mg/kg	3.98	3.06	77		7		45 - 120	0 - 40
2,6-Dinitrotoluene	mg/kg	3.98	3.19	80		9		47 - 120	0 - 40
2-Chloronaphthalene	mg/kg	3.98	3.13	79	\neg	13		52 - 120	0 - 40
2-Chlorophenol	mg/kg	3.98	2.81	71	\neg	6		48 - 120	0 - 40
2-Methyl-4,6-dinitrophenol	mg/kg	3.98	2.45	62		18		29 - 120	0 - 40
2-Methylnaphthalene	mg/kg	3.98	3.01	76		7		43 - 120	0 - 40
2-Nitroaniline	mg/kg	3.98	2.91	73		11		44 - 120	0 - 40
2-Nitrophenol	mg/kg	3.98	3.04	77		8		49 - 120	0 - 40
3,3'-Dichlorobenzidine	mg/kg	3.98	2.53	64		12		35 - 120	0 - 40
3-Nitroaniline	mg/kg	3.98	2.08	52	$\neg \neg$	11		20 - 120	0 - 46
4-Bromophenyl-phenylether	mg/kg	3.98	3.49	88	\neg	11		51 - 125	0 - 40
4-Chloro-3-methylphenol	mg/kg	3.98	2.83	71	\neg	0		46 - 120	0 - 40
4-Chloroaniline	mg/kg	3.98	1.73	44		5		20 - 120	0 - 50
4-Chlorophenyl-phenylether	mg/kg	3.94	3.15	80		10		50 - 120	0 - 40
4-Nitroaniline	mg/kg	4.02	2.66	66		8		32 - 120	0 - 40
4-Nitrophenol	mg/kg	3.98	2.61	66		7		32 - 120	0 - 40
Acenaphthene	mg/kg	3.98	3.26	82	\neg	12		50 - 120	0 - 40
Acenaphthylene	mg/kg	3.98	3.73	94	100	12		53 - 120	0 - 40
Acetophenone	mg/kg	3.98	3.09	78	\neg	5		49 - 120	0 - 50
Aniline	mg/kg	3.98	2.7	68		3		21 - 131	0 - 40
Anthracene	mg/kg	3.98	3.51	88		11		52 - 120	0 - 40
Atrazine (Aatrex)	mg/kg	3.98	4.68	118		10		43 - 150	0 - 50
Benzaldehyde	mg/kg	3.98	.412	10		21		25 - 127	0 - 50
Benzo(a)anthracene	mg/kg	3.98	3.32	83	\neg	12		48 - 120	0 - 40
Benzo(a)pyrene	mg/kg	3.98	3.44	86	\top	16		44 - 120	0 - 40
Benzo(b)fluoranthene	mg/kg	3.98	2.82	71		23		31 - 130	0 - 40
Benzo(g,h,i)perylene	mg/kg	3.98	2.73	69		19		29 - 134	0 - 40
Benzo(k)fluoranthene	mg/kg	3.98	3.62	91		.3		36 - 122	0 - 40
Benzoic acid	mg/kg	3.98	1.87	47		17		14 - 124	0 - 40
Benzyl alcohol	mg/kg	3.98	3.12	78		3		47 - 120	0 - 40

RPD: 0	out of	69 01	utside lim	nits
Spike Recover	ry: 2	out of	138	outside limits

Lab Code: LA024	Case No.:			SAS No.:		SDG No.:	211011	105
Lab Code. LA024	Case No		_	SAS NO		SDG No	2110112	105
Contract:	Analy	tical Method:	SW-84	6 8270				
Prep Batch: 448916	Analytical	Batch.: 448	983					
Biphenyl	mg/kg	3.98	3.1	78	4	46	- 120	0 - 50
Bis(2-Chloroethoxy)methane	mg/kg	3.98	3.3	83	6	51	- 120	0 - 40
Bis(2-Chloroethyl)ether	mg/kg	3.98	3.22	81	5	46	- 120	0 - 40
Butylbenzylphthalate	mg/kg	3.98	3.59	90	2	46	- 130	0 - 40
Caprolactam	mg/kg	3.98	3.21	81	3	34	- 120	0 - 50
Carbazole	mg/kg	3.98	2.98	75	13	47	- 120	0 - 40
Chrysene	mg/kg	3.98	3.38	85	5	51	- 120	0 - 40
Di-n-butylphthalate	mg/kg	3.98	3.4	86	11	50	- 120	0 - 40
Di-n-octylphthalate	mg/kg	3.98	3.3	83	8	41	- 122	0 - 40
Dibenz(a,h)anthracene	mg/kg	3.98	2.85	72	15	27	- 129	0 - 40
Dibenzofuran	mg/kg	3.98	2.98	75	11	50	- 120	0 - 40
Diethylphthalate	mg/kg	3.98	3.32	83	8	36	- 120	0 - 40
Dimethyl-phthalate	mg/kg	3.98	3.31	83	9	50	- 120	0 - 40
Fluoranthene	mg/kg	3.98	3.28	82	15	39	- 120	0 - 40
Fluorene	mg/kg	3.98	3.2	80	12	48	- 120	0 - 40
Hexachlorobenzene	mg/kg	3.98	3.03	76	13	48	- 120	0 - 40
Hexachlorocyclopentadiene	mg/kg	3.98	3.4	86	20	23	- 121	0 - 40
Hexachloroethane	mg/kg	3.98	2.84	71	3	40	- 120	0 - 40
Indeno(1,2,3-cd)pyrene	mg/kg	3.98	2.61	66	24	43	- 132	0 - 40
Isophorone	mg/kg	3.98	3.26	82	5	49	- 120	0 - 40
N-Nitroso-di-n-propylamine	mg/kg	3.98	3.25	82	5	46	- 120	0 - 40
N-Nitrosodimethylamine	mg/kg	3.98	2.9	73	9	34	- 126	0 - 40
N-Nitrosodiphenylamine	mg/kg	3.9	3.53	91	9	54	- 125	0 - 40
Nitrobenzene	mg/kg	3.98	3.08	77	8	45	- 120	0 - 40
Pentachlorophenol	mg/kg	3.98	2.39	60	9	30	- 124	0 - 40
Phenanthrene	mg/kg	3.98	3.32	83	10	53	- 120	0 - 40
Phenol	mg/kg	3.98	2.76	69	7	42	- 120	0 - 40
Pyrene	mg/kg	3.98	3.98	99	2	38	- 136	0 - 40
Pyridine	mg/kg	3.98	2.45	62	9	11	- 120	0 - 40
bis(2-Chloroisopropyl)ether	mg/kg	3.98	3.16	80	4	46	- 120	0 - 40
bis(2-ethylhexyl)phthalate	mg/kg	3.98	3.4	86	3	46	- 129	0 - 40
m,p-Cresol	mg/kg	3.98	2.77	70	3	46	- 120	0 - 40
o-Cresol	mg/kg	3.98	2.76	69	7	46	- 120	0 - 40

RPD:	0	out of		69	out	side lim	its
Spike R	ecov	ery:	2	ou	t of	138	outside limits

Lab Name:	GCAL				
Lab Code:	LA024	Case No.:	SAS No.:	SDG No.:	211011405
Contract:		Analytical Method:	SW-846 8270		
Prep Batch:	448916	Analytical Batch.: 4489	983		

Spike HSN: 912491 COMPOUND	UNITS	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS % REC	LCS % REC FLAG		LIMITS
1,2 Diphenylhydrazine	mg/kg	3.31	0	2.91	88		49	- 120
2,4,5-Trichlorophenol	mg/kg	3.31	0	2.66	80		47	- 120
2,4,6-Trichlorophenol	mg/kg	3.31	0	2.43	73		46	- 120
2,4-Dichlorophenol	mg/kg	3.31	0	2.53	76		47	- 120
2,4-Dimethylphenol	mg/kg	3.31	0	2.52	76		47	- 120
2,4-Dinitrophenol	mg/kg	3.31	0	2.35	71		14	- 120
2,4-Dinitrotoluene	mg/kg	3.31	0	2.71	82		45	- 120
2,6-Dinitrotoluene	mg/kg	3.31	0	2.91	88		47	- 120
2-Chloronaphthalene	mg/kg	3.31	0	2.91	88		52	- 120
2-Chlorophenol	mg/kg	3.31	0	2.52	76		48	- 120
2-Methyl-4,6-dinitrophenol	mg/kg	3.31	0	2.46	74	\top	29	- 120
2-Methylnaphthalene	mg/kg	3.31	0	2.73	82		43	- 120
2-Nitroaniline	mg/kg	3.31	0	2.63	79	+	44	- 120
2-Nitrophenol	mg/kg	3.31	0	2.67	81		49	- 120
3,3'-Dichlorobenzidine	mg/kg	3.31	0	1.19	36		35	- 120
3-Nitroaniline	mg/kg	3.31	0	1.2	36 -		20	- 120
4-Bromophenyl-phenylether	mg/kg	3.31	0	3.33	101		51	- 125
4-Chloro-3-methylphenol	mg/kg	3.31	0	2.44	74		46	- 120
4-Chloroaniline	mg/kg	3.31	0	.764	23		20	- 120
4-Chlorophenyl-phenylether	mg/kg	3.28	0	2.98	91		50	- 120
4-Nitroaniline	mg/kg	3.34	0	2.36	71	\top	32	- 120
4-Nitrophenol	mg/kg	3.31	0	2.39	72		32	- 120
Acenaphthene	mg/kg	3.31	0	3.03	92		50	- 120
Acenaphthylene	mg/kg	3.31	0	3.44	104		53	- 120
Acetophenone	mg/kg	3.31	0	2.8	85		49	- 120
Aniline	mg/kg	3.31	0	1.04	31		21	- 131
Anthracene	mg/kg	3.31	0	3.24	98	1	52	- 120
Atrazine (Aatrex)	mg/kg	3.31	0	4.23	128		43	- 150
Benzaldehyde	mg/kg	3.31	0	.282	9	•	25	- 127
Benzo(a)anthracene	mg/kg	3.31	0	3.11	94		48	- 120
Benzo(a)pyrene	mg/kg	3.31	0	3.32	100		44	- 120
Benzo(b)fluoranthene	mg/kg	3.31	0	3.08	93		31	- 130
Benzo(g,h,i)perylene	mg/kg	3.31	0	2.57	78		29	- 134
Benzo(k)fluoranthene	mg/kg	3.31	0	3.17	96	1	36	- 122
Benzoic acid	mg/kg	3.31	0	2.72	82		14	- 124
Benzyl alcohol	mg/kg	3.31	0	2.68	81		47	- 120

RPD : _ 1 out of _ 69 outside limits

Spike Recovery: _ 2 out of _ 138 outside limits

Lab Name: GCAL							
Lab Code: LA024 Case No.:		.:	SAS	No.:	SDG No.:	211011405	
Contract:	Ana	lytical Meth	nod: SW-846 8270)			
Prep Batch: 448916	Analytica	I Batch.:	448983		1.41		
Biphenyl	mg/kg	3.31	0	2.83	85	46 -	120
Bis(2-Chloroethoxy)methane	mg/kg	3.31	0	2.93	88	51 -	120
Bis(2-Chloroethyl)ether	mg/kg	3.31	0	2.83	85	46 -	120
Butylbenzylphthalate	mg/kg	3.31	0	2.89	87	46 -	130
Caprolactam	mg/kg	3.31	0	2.84	86	34 -	120
Carbazole	mg/kg	3.31	0	2.78	84	47 -	120
Chrysene	mg/kg	3.31	0	2.94	89	51 -	120
Di-n-butylphthalate	mg/kg	3.31	0	3.17	96	50 -	120
Di-n-octylphthalate	mg/kg	3.31	0	2.71	82	41 -	122
Dibenz(a,h)anthracene	mg/kg	3.31	0	2.56	77	27 -	129
Dibenzofuran	mg/kg	3.31	0	2.81	85	50 -	120
Diethylphthalate	mg/kg	3.31	0	3.06	92	36 -	120
Dimethyl-phthalate	mg/kg	3.31	0	2.97	90	50 -	120
Fluoranthene	mg/kg	3.31	0	3.07	93	39 -	120
Fluorene	mg/kg	3.31	0	3.02	91	48 -	120
Hexachlorobenzene	mg/kg	3.31	0	2.96	89	48 -	120
Hexachlorocyclopentadiene	mg/kg	3.31	0	3.56	108	23 -	121
Hexachloroethane	mg/kg	3.31	0	2.54	77	40 -	120
Indeno(1,2,3-cd)pyrene	mg/kg	3.31	0	2.32	70	43 -	132
Isophorone	mg/kg	3.31	0	2.91	88	49 -	120
N-Nitroso-di-n-propylamine	mg/kg	3.31	0	2.9	88	46 -	120
N-Nitrosodimethylamine	mg/kg	3.31	0	2.67	81	34 -	126
N-Nitrosodiphenylamine	mg/kg	3.25	0	3.23	100	54 -	125
Nitrobenzene	mg/kg	3.31	0	2.79	84	45 -	120
Pentachlorophenol	mg/kg	3.31	0	2.38	72	30 -	124
Phenanthrene	mg/kg	3.31	0	3.11	94	53 -	120
Phenol	mg/kg	3.31	0	2.37	72	42 -	120
Pyrene	mg/kg	3.31	0	3.25	98	38 -	136
Pyridine	mg/kg	3.31	0	2.02	61	11 -	120
bis(2-Chloroisopropyl)ether	mg/kg	3.31	0	2.83	85	46 -	120
bis(2-ethylhexyl)phthalate	mg/kg	3.31	0	2.81	85	46 -	129
m,p-Cresol	mg/kg	3.31	0	2.47	75	46 -	120
o-Cresol	mg/kg	3.31	0	2.46	74	46 -	120

RPD :	1	out of		69	out	side lim	its
Spike R	ecov	erv:	2	ou	t of	138	outside limits

Lab Name:	GCAL					
Lab Code:	LA024	Case No.:	SAS No.:	SDG No.:	211011405	
Contract:		Analytical Method:	SW-846 8270			
Prep Batch:	448916	Analytical Batch.: 4489	983			

Spike Dupe HSN: 912492

Spike Dupe HSN: 912492 COMPOUND	UNITS	SPIKE ADDED	LCSD CONC.	LCSD % REC	REC FLAG	% RPD	RPD FLAG	QC. REC	LIMITS RPD
1,2 Diphenylhydrazine	mg/kg	3.3	3.04	92		4	TT	49 - 120	0 - 50
2,4,5-Trichlorophenol	mg/kg	3.3	2.76	84		4		47 - 120	0 - 40
2,4,6-Trichlorophenol	mg/kg	3.3	2.47	75		2		46 - 120	0 - 40
2,4-Dichlorophenol	mg/kg	3.3	2.56	78		1		47 - 120	0 - 40
2,4-Dimethylphenol	mg/kg	3.3	2.48	75		2		47 - 120	0 - 40
2,4-Dinitrophenol	mg/kg	3.3	2.27	69		3		14 - 120	0 - 49
2,4-Dinitrotoluene	mg/kg	3.3	2.65	80		2		45 - 120	0 - 40
2,6-Dinitrotoluene	mg/kg	3.3	2.83	86		3		47 - 120	0 - 40
2-Chloronaphthalene	mg/kg	3.3	2.98	90		2		52 - 120	0 - 40
2-Chlorophenol	mg/kg	3.3	2.6	79		3		48 - 120	0 - 40
2-Methyl-4,6-dinitrophenol	mg/kg	3.3	2.53	77		3		29 - 120	0 - 40
2-Methylnaphthalene	mg/kg	3.3	2.76	84		1		43 - 120	0 - 40
2-Nitroaniline	mg/kg	3.3	2.67	81		2		44 - 120	0 - 40
2-Nitrophenol	mg/kg	3.3	2.75	83		3		49 - 120	0 - 40
3,3'-Dichlorobenzidine	mg/kg	3.3	1.49	45		22		35 - 120	0 - 40
3-Nitroaniline	mg/kg	3.3	1.34	41		11		20 - 120	0 - 46
4-Bromophenyl-phenylether	mg/kg	3.3	3.44	104		3		51 - 125	0 - 40
4-Chloro-3-methylphenol	mg/kg	3.3	2.43	74		.4		46 - 120	0 - 40
4-Chloroaniline	mg/kg	3.3	.982	30		25		20 - 120	0 - 50
4-Chlorophenyl-phenylether	mg/kg	3.27	2.94	90		1		50 - 120	0 - 40
4-Nitroaniline	mg/kg	3.33	2.26	68		4		32 - 120	0 - 40
4-Nitrophenol	mg/kg	3.3	2.26	68		6		32 - 120	0 - 40
Acenaphthene	mg/kg	3.3	3.03	92		0		50 - 120	0 - 40
Acenaphthylene	mg/kg	3.3	3.45	105		.3		53 - 120	0 - 40
Acetophenone	mg/kg	3.3	2.91	88		4		49 - 120	0 - 50
Aniline	mg/kg	3.3	1.98	60		62		21 - 131	0 - 40
Anthracene	mg/kg	3.3	3.34	101		3		52 - 120	0 - 40
Atrazine (Aatrex)	mg/kg	3.3	4.27	129		.9		43 - 150	0 - 50
Benzaldehyde	mg/kg	3.3	.28	8	*	.7		25 - 127	0 - 50
Benzo(a)anthracene	mg/kg	3.3	3.12	95		.3		48 - 120	0 - 40
Benzo(a)pyrene	mg/kg	3.3	3.35	102		.9		44 - 120	0 - 40
Benzo(b)fluoranthene	mg/kg	3.3	3.1	94		.6		31 - 130	0 - 40
Benzo(g,h,i)perylene	mg/kg	3.3	2.39	72		7		29 - 134	0 - 40
Benzo(k)fluoranthene	mg/kg	3.3	3.31	100		4		36 - 122	0 - 40
Benzoic acid	mg/kg	3.3	2.66	81		2		14 - 124	0 - 40
Benzyl alcohol	mg/kg	3.3	2.92	88		9		47 - 120	0 - 40

RPD:	1	out of	f	69	out	side lim	its
Spike R	ecov	erv:	2	ou	t of	138	outside limits

3D SOIL SEMIVOLATILE LCS/LCSD RECOVERY

Lab Name: GCAL						
Lab Code: LA024	Case No.:		SAS No.:	S	DG No.: 2110114	105
Contract:	Analytical M	lethod: SW-846	8270			
Prep Batch: 448916	Analytical Batch.	448983				
Biphenyl	mg/kg 3.3	2.78	84	2	46 - 120	0 - 50
Bis(2-Chloroethoxy)methane	mg/kg 3.3	2.96	90	1	51 - 120	0 - 40
Bis(2-Chloroethyl)ether	mg/kg 3.3	2.92	88	3	46 - 120	0 - 40
Butylbenzylphthalate	mg/kg 3.3	3.08	93	6	46 - 130	0 - 40
Caprolactam	mg/kg 3.3	2.69	82	5	34 - 120	0 - 50
Carbazole	mg/kg 3.3	2.76	84	.7	47 - 120	0 - 40
Chrysene	mg/kg 3.3	3.03	92	3	51 - 120	0 - 40
Di-n-butylphthalate	mg/kg 3.3	3.06	93	4	50 - 120	0 - 40
Di-n-octylphthalate	mg/kg 3.3	2.73	83	.7	41 - 122	0 - 40
Dibenz(a,h)anthracene	mg/kg 3.3	2.57	78	.4	27 - 129	0 - 40
Dibenzofuran	mg/kg 3.3	2.78	84	1	50 - 120	0 - 40
Diethylphthalate	mg/kg 3.3	2.9	88	5	36 - 120	0 - 40
Dimethyl-phthalate	mg/kg 3.3	2.9	88	2	50 - 120	0 - 40
Fluoranthene	mg/kg 3.3	3.03	92	1	39 - 120	0 - 40
Fluorene	mg/kg 3.3	2.9	88	4	48 - 120	0 - 40
Hexachlorobenzene	mg/kg 3.3	3.1	94	5	48 - 120	0 - 40
Hexachlorocyclopentadiene	mg/kg 3.3	3.8	115	7	23 - 121	0 - 40
Hexachloroethane	mg/kg 3.3	2.65	80	4	40 - 120	0 - 40
Indeno(1,2,3-cd)pyrene	mg/kg 3.3	2.12	64	9	43 - 132	0 - 40
Isophorone	mg/kg 3.3	2.92	88	.3	49 - 120	0 - 40
N-Nitroso-di-n-propylamine	mg/kg 3.3	3.01	91	4	46 - 120	0 - 40
N-Nitrosodimethylamine	mg/kg 3.3	2.88	87	8	34 - 126	0 - 40
N-Nitrosodiphenylamine	mg/kg 3.23	3.34	103	3	54 - 125	0 - 40
Nitrobenzene	mg/kg 3.3	2.78	84	.4	45 - 120	0 - 40
Pentachlorophenol	mg/kg 3.3	2.39	72	.4	30 - 124	0 - 40
Phenanthrene	mg/kg 3.3	3.13	95	.6	53 - 120	0 - 40
Phenol	mg/kg 3.3	2.55	77	7	42 - 120	0 - 40
Pyrene	mg/kg 3.3	3.47	105	7	38 - 136	0 - 40
Pyridine	mg/kg 3.3	2.21	67	9	11 - 120	0 - 40
bis(2-Chloroisopropyl)ether	mg/kg 3.3	2.86	87	1	46 - 120	0 - 40
bis(2-ethylhexyl)phthalate	mg/kg 3.3	2.96	90	5	46 - 129	0 - 40
m,p-Cresol	mg/kg 3.3	2.55	77	3	46 - 120	0 - 40
o-Cresol	mg/kg 3.3	2.56	78	4	46 - 120	0 - 40

RPD:	1	out of		69	out	side lim	its
Spike R	ecov	ery:	2	ou	t of	138	outside limits

4B SEMIVOLATILE METHOD BLANK SUMMARY

Lab Name:	GCAL			Sample ID:	MB912529		
Lab Code:	LA024 Cas	se No.:		Contract:			
Lab File ID:	2110114/e7973			SAS No.:		SDG No.	: 211011405
GC Column:	RTX-5MS-30	ID: .25	(mm)	Lab Sample ID	912529	9 Date E	Extracted: 01/14/11
Instrument ID	D: MSSV4	Matrix: Water		Date Analyzed	01/14/	11 Time:	1459
		Level: LOW		Method: SW	-846 8270		
				Prep Batch:	448924	4 Analytical	Batch: 448983
	TH	IS METHOD BLAN	NK APPLI	ES TO THE FOL	LOWING	SAMPLES	
	SAMPLE NO.				LAB LE ID	DATE ANALYZED	TIME ANALYZED
1.	LCS912530		912	530 21101	14/e7974	01/14/11	1516
2.	LCSD912531		912	531 21101	14/e7975	01/14/11	1533
3.	EQUIPMENT BLANK	(211011	40514 21101	14/e7976	01/14/11	1549

4B SEMIVOLATILE METHOD BLANK SUMMARY

Lab Name:	GCAL			Sample	ID: ME	3912490			
Lab Code:	LA024	Case No.:		Contrac	xt:				
Lab File ID:	2110114/e7977			SAS No).:		SDG No	.: 211011405	
GC Column	: RTX-5MS-30	ID:25	(mm)	Lab Sar	mple ID:	912490	Date I	Extracted: 01/14/11	ı
Instrument I	D: MSSV4	Matrix: Solid		Date Ar	nalyzed:	01/14/1	1 Time:	1606	_
	9	Level: LOW		Method	: SW-84	46 8270			
				Prep Ba	atch:	448916	Analytical	Batch: 448983	
		THIS METHOD BLA	NK APPL	IES TO TH	E FOLL	OWING	SAMPLES		
			L	AB	LA	В	DATE	TIME	
	SAMPLE NO	•8	SAM	PLE ID	FILE	ID	ANALYZED	ANALYZED	
1.	LCS912491		912	2491	2110114	1/e7978	01/14/11	1623	
2	LCSD912492		912	2492	2110114	1/e7979	01/14/11	1639	
	and Control and Control			277 St 2072 (2073)		7 × 7 == + = 7 == 1	Carrier and the analysis		

	LAD	LAD	DAIL	TIME
SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED	ANALYZE
LCS912491	912491	2110114/e7978	01/14/11	1623
LCSD912492	912492	2110114/e7979	01/14/11	1639
T-15-F	21101140501	2110114/e7980	01/14/11	1656
T-15-F MS	21101140502	2110114/e7981	01/14/11	1713
T-15-F MSD	21101140503	2110114/e7982	01/14/11	1729
T-21-F	21101140504	2110114/e7983	01/14/11	1746
NC-0-0.3	21101140505	2110114/e7984	01/14/11	1803
T-2-WEST	21101140506	2110114/e7985	01/14/11	1819
T-6-FLOOR	21101140507	2110114/e7986	01/14/11	1836
T-6-EAST	21101140508	2110114/e7987	01/14/11	1853
T-6-SOUTH	21101140509	2110114/e7988	01/14/11	1909
T-6-NORTH	21101140510	2110114/e7989	01/14/11	1926
BLIND DUP	21101140511	2110114/e7990	01/14/11	1943
SC-W	21101140512	2110114/e7991	01/14/11	2000
SC-E	21101140513	2110114/e7992	01/14/11	2016
T-21-F	21101140504	2110117/e8009	01/17/11	0856

5B SEMIVOLATILE ORGANICS INSTRUMENT PERFORMANCE CHECK DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name:	GCAL				Contract:				
Lab Code:	LA024	Case No.			SAS No.:		SDG No.:	211011405	
Lab File ID:	2110112/e7895				DFTPP Injection Da	ate 01/12/11	Time	e: 0743	
GC Column:	RTX-5MS-30	ID:	.25	(mm)	Analytical Batch:	448984			
Instrument I	D: MSSV4								

n/e	ION ABUNDANCE CRITERIA	5.50	7.75	ative lance				
51	30.0-60.0% of mass 198	39.94	()	()
68	Less than 2% of mass 69	0	(0)	(1)
69	Mass 69 relative abundance	40.32	()	()
70	Less than 2.0% of mass 69	.24	(.62)	(1)
127	40.0-60.0% of mass 198	53.66	()	()
197	Less than 1.0% of mass 198	0	()	()
198	Base Peak, 100% relative abundance	100	()	()
199	5.0-9.0% of mass 198	7.46	()	()
275	10.0-30.0% of mass 198	23.59	()	()
365	Greater than 1.0% of mass 198	2.43	()	()
441	Present, but less than mass 443	8.41	()	()
442	Greater than 40.00% of mass 198	64.27	()	()
443	17.0-23.0% of mass 442	12.48	(19.43)	(2)

(1)-Value is % mass 69

(2)-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
STD050	1205	2110112/e7897	01/12/11	0821
STD010	1204	2110112/e7898	01/12/11	0838
STD080	1206	2110112/e7899	01/12/11	0854
STD120	1207	2110112/e7900	01/12/11	0911
STD160	1208	2110112/e7901	01/12/11	0928
STD200	1209	2110112/e7902	01/12/11	0945
STD002	1203	2110112/e7903	01/12/11	1002
STD001	1202	2110112/e7904	01/12/11	1019
STD0.2	1201	2110112/e7905	01/12/11	1037

5B SEMIVOLATILE ORGANICS INSTRUMENT PERFORMANCE CHECK DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name:	GCAL				Contract:						
Lab Code:	LA024	Case No.	:		SAS No.:			SDG No.:	21	1011405	
Lab File ID:	2110114/e7970				DFTPP Injection D	ate	01/14/11	Tin	ne:	1409	
GC Column:	RTX-5MS-30	ID:	.25	(mm)	Analytical Batch:	448	3983				
Instrument II	D: MSSV4										

m/e	ION ABUNDANCE CRITERIA	5550		ative lance				
51	30.0-60.0% of mass 198	40.07	()	()
68	Less than 2% of mass 69	0	(0)	(1)
69	Mass 69 relative abundance	40.58	()	()
70	Less than 2.0% of mass 69	0	(0)	(1)
127	40.0-60.0% of mass 198	54.64	()	()
197	Less than 1.0% of mass 198	0	()	()
198	Base Peak, 100% relative abundance	100	()	()
199	5.0-9.0% of mass 198	6.83	()	()
275	10.0-30.0% of mass 198	22.68	()	()
365	Greater than 1.0% of mass 198	2.35	()	()
441	Present, but less than mass 443	9.16	()	()
442	Greater than 40.00% of mass 198	57.27	()	()
443	17.0-23.0% of mass 442	11.72	(20.48	3)	(2)

(1)-Value is % mass 69

(2)-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME
	The state of the s			
STD050	1400	2110114/e7972	01/14/11	1442
MB912529	912529	2110114/e7973	01/14/11	1459
LCS912530	912530	2110114/e7974	01/14/11	1516
LCSD912531	912531	2110114/e7975	01/14/11	1533
EQUIPMENT BLANK	21101140514	2110114/e7976	01/14/11	1549
MB912490	912490	2110114/e7977	01/14/11	1606
LCS912491	912491	2110114/e7978	01/14/11	1623
LCSD912492	912492	2110114/e7979	01/14/11	1639
T-15-F	21101140501	2110114/e7980	01/14/11	1656
T-15-F MS	21101140502	2110114/e7981	01/14/11	1713
T-15-F MSD	21101140503	2110114/e7982	01/14/11	1729
A CHARLES AND A COLOR		A CONTRACTOR OF THE PARTY OF TH		

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5B SEMIVOLATILE ORGANICS INSTRUMENT PERFORMANCE CHECK DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name:	GCAL			Contra	ict:		
Lab Code:	LA024	Case No.:		SAS	lo.:	SDG No.	: 211011405
Lab File ID:	2110114/e7970			DFTP	P Injection Date 01/14	′11 T	ime: 1409
GC Column:	RTX-5MS-30	ID: .25	(mm)	Analyt	ical Batch: 448983	1	
Instrument IC	D: MSSV4						
12	. T-21-F		2110114	10504	2110114/e7983	01/14/11	1746
13	NC-0-0.3		2110114	10505	2110114/e7984	01/14/11	1803
14	. T-2-WEST		2110114	10506	2110114/e7985	01/14/11	1819
15	T-6-FLOOR		2110114	10507	2110114/e7986	01/14/11	1836
16	T-6-EAST		2110114	10508	2110114/e7987	01/14/11	1853
17	T-6-SOUTH		2110114	10509	2110114/e7988	01/14/11	1909
18	. T-6-NORTH		2110114	10510	2110114/e7989	01/14/11	1926
19	. BLIND DUP		2110114	10511	2110114/e7990	01/14/11	1943
20	. SC-W		2110114	10512	2110114/e7991	01/14/11	2000
21	. SC-E		2110114	10513	2110114/e7992	01/14/11	2016

5B SEMIVOLATILE ORGANICS INSTRUMENT PERFORMANCE CHECK DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name:	GCAL				Contract:			
Lab Code:	LA024	Case No.			SAS No.:		SDG No.:	211011405
Lab File ID:	2110117/e8007				DFTPP Injection D	ate 01/17/11	Time	e: 0822
GC Column:	RTX-5MS-30	ID:	.25	(mm)	Analytical Batch:	449083		
Instrument II	D. MSSV4							

m/e	ION ABUNDANCE CRITERIA	202	100000	ative dance				
51	30.0-60.0% of mass 198	36.61	()	()
68	Less than 2% of mass 69	.5	(1.41)	(1)
69	Mass 69 relative abundance	35.48	()	()
70	Less than 2.0% of mass 69	.25	(.73)	(1)
127	40.0-60.0% of mass 198	51.16	()	()
197	Less than 1.0% of mass 198	.42	()	()
198	Base Peak, 100% relative abundance	100	()	()
199	5.0-9.0% of mass 198	6.61	()	()
275	10.0-30.0% of mass 198	23.34	()	()
365	Greater than 1.0% of mass 198	2.55	()	()
441	Present, but less than mass 443	9.87	()	()
442	Greater than 40.00% of mass 198	64.07	()	()
443	17.0-23.0% of mass 442	12.58	(19.64)	(2)

(1)-Value is % mass 69

(2)-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	LAB	LAB	DATE	TIME
SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED	ANALYZED
STD050	1400	2110117/e8008	01/17/11	0838
T-21-F	21101140504	2110117/e8009	01/17/11	0856
APP9050	1400	2110117/e8011	01/17/11	1403

INITIAL CALIBRATION DATA

Start Cal Date : 27-DEC-2010 10:24 End Cal Date : 12-JAN-2011 10:37

Quant Method : ISTD Target Version : 3.50 Integrator : HP RTE

Method file : /var/chem/MSSV4.i/2110112.s.b/8270CE_04.m

Cal Date : 18-Jan-2011 09:22 dlb

Calibration File Names:

Level 1: /var/chem/MSSV4.i/2110112.s.b/e7905.d Level 2: /var/chem/MSSV4.i/2110111.s.b/e7868.d Level 3: /var/chem/MSSV4.i/2110111.s.b/e7878.d Level 4: /var/chem/MSSV4.i/2110111.s.b/e7874.d Level 5: /var/chem/MSSV4.i/2110111.s.b/e7873.d Level 6: /var/chem/MSSV4.i/2110111.s.b/e7875.d Level 7: /var/chem/MSSV4.i/2110111.s.b/e7876.d Level 8: /var/chem/MSSV4.i/2110111.s.b/e7877.d Level 9: /var/chem/MSSV4.i/2110111.s.b/e7866.d

		- 1-10						_				
	1	0.2000	1	2 1	10	50	80	- 1	Co	efficients	- 1	*RSD
Compound	.1	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6 Cur	vel	b	m1	m2 1	or R^2
	1-				=======================================			1			3	
	3	120	160	200	1 1		1	1			1	
	1	Level 7	Level 8	Level 9	1	1	1	1			- 1	
			********					m= =			******	
1 n-Nitrosodimethylamine	1	+++++	+++++	0.67479	0.684501	0.68885	0.67501		1	1	1	
		0.63292	0.69510	0.61729			IAVR		1.	0.666921		4.4692
2 Pyridine	1	+++++	1.34758	1.38829	1.11191	1.394311	1.279491	1	1	1		
	- 1	1.30643	1.21179	1.22249	1	1	AVR	GI	1	1.282781	1	7.5815
								1-				
5 Aniline	1	+++++	3104	5462	297881	2209451	2207041	1	1		1	
	1	258128	263635	1 +++++ 1	1	1	IQUA	D	0.08231	0.002161	0.386491	0.9920
								1-				
	1_					1		1_			1	

INITIAL CALIBRATION DATA

Start Cal Date : 27-DEC-2010 10:24 End Cal Date : 12-JAN-2011 10:37

Quant Method : ISTD Target Version : 3.50 : HP RTE Intégrator

: /var/chem/MSSV4.i/2110112.s.b/8270CE_04.m : 18-Jan-2011 09:22 dlb Method file

Compound	0.2000 Level 1	1 Level 2	2 Level 3	10 Level 4	50 Level 5		 Curve	b	Coefficients ml	m2	%RSD or R^2
	120 Level 7	160 Level 8	200 Level 9								1
6 Phenol +	! +++++ 1.55502	1.51309 1.55123	1.48317	1.60472	1.58315	1.59870	I I	******	 1.53925		l 4.0375
7 bis (-2-Chloroethyl) Ether	1 +++++ 1 1 0.773021	+++++ 0.77615	0.70766 0.74219	0.74664	0.77113		I I		1 0.753001		I I 3.1984
8 2-Chlorophenol	1 +++++ 1	+++++ 1.39053	1.28889	1.23780	1.38858				1 1.33996		1 4.8096
9 1,3-Dichlorobenzene	+++++ 1.51442	+++++ 1.51791	1.32971	1.50464	1.48238	1.46937	 AVRG		1 1.467021		1 4.4535
11 1,4-Dichlorobenzene +	1 1.540941	+++++ 1.52639	1.47813	1.47734	1.52318		AVRG		1 1.496961		1 2.1862
12 Benzyl alcohol	1 +++++ 1	+++++ 0.71370	+++++ 0.66568	0.62917	0.70326	0.69906	I I		1 0.690981		1 5.4662
13 1,2-Dichlorobenzene	1 +++++ 1 1 1.443551	1.62477	1.28015	1.39217	1.41757				1 1.41528		I 6.9925
	_						 				_

Report Date: 19-Jan-2011 16:21

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 27-DEC-2010 10:24 End Cal Date : 12-JAN-2011 10:37

Quant Method : ISTD Target Version : 3.50
Integrator : HP R : HP RTE

: /var/chem/MSSV4.i/2110112.s.b/8270CE_04.m : 18-Jan-2011 09:22 dlb Method file Cal Date

Compound	0.2000 Level 1	1 Level 2	2 Level 3	10 Level 4	50 Level 5	TOO ST	 Curve	ь	Coefficients ml	m2	75	%RSD r R^2
	120 Level 7	160 Level 8	200 Level 9]				1	
14 Bis(2-chloroisopropyl)ether	+++++ 1.44915	1.32813	1.41505	1.37555	1.40098	1.40131	I I IAVRG I		1 1.38786		i i :	3.10813
15 2-Methylphenol	 +++++ 1.13095	1.11775	0.97509	1.08858	1.13410		I I		1 1.08588		1 1	5.29052
16 N-Nitroso-di-n-propylamine++	+++++ 0.73758	0.69647	0.66560	0.73890	0.71850		I I		1 0.709661		i 1 :	3.82076
17 3- & 4-Methylphenol	 +++++ 1.17068	1.09011	0.93904	1.12389	1.16001	1.15166	# 25 COM / #		1 1.09705		1	7.52764
18 Hexachloroethane	 +++++ 0.56808	0.65011	0.47813	0.52826	0.53129	0.53526	AVRG		1 0.545541	******		9.04739
20 Nitrobenzene	+++++ 0.31520	0.34231	0.27691	0.31377	0.31098	0.30721	I I		0.31120		1	5.81059
21 Isophorone	+++++ 0.51527	0.46667	0.46391	0.51081	0.51328	0.51877			1 0.496381			4.68438
	 						 					1575000

Report Date: 19-Jan-2011 16:21

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 27-DEC-2010 10:24 End Cal Date : 12-JAN-2011 10:37

Quant Method : ISTD Target Version : 3.50 Integrator Method file : HP RTE

: /var/chem/MSSV4.i/2110112.s.b/8270CE_04.m : 18-Jan-2011 09:22 dlb

2-577000000	0.2000	1 1	2 1	10	50 1	80	1		Coefficients		I %RSD
Compound	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Curve	b	m1	m2	or R^2
	120	160	200	i	i		1				1
	Level 7	Level 8	Level 9	1							
22 2-Nitrophenol +	1 +++++ 1	+++++	0.15017	0.18684	0.21280	0.21392	1		1		i
	0.21641	0.21798	0.20919	1			AVRG		0.20104		1 12.3234
23 2,4-Dimethyphenol	1 +++++ 1	+++++	0.278701	0.334961	0.352231	0.35702			1 1		1
	0.354331	0.35099	0.335221				AVRG		0.33764		8.1397
24 bis(-2-Chloroethoxy)methane	+++++	+++++	0.32661	0.34245	0.346501	0.35068	1.0000001		1		1
	0.348721	0.346551	0.333531	1	1		AVRG		0.34215		1 2.5862
25 Benzoic Acid	+++++	+++++	+++++ 1	0.15044	0.16159	0.17111					
	0.186021	0.147431	0.16202	- 1	1		AVRG		0.16310		8.6655
26 2,4-Dichlorophenol +	1 +++++	+++++	0.258191	0.290061	0.305681	0.31327			1 1		
54800723310040233964194542772425655307	0.31528	0.31313	0.29292	1	1		AVRG		0.298361		1 6.8308
27 1,2,4-Trichlorobenzene		+++++	0.281921	0.322791	0.324951	0.32492					
	0.329041	0.33235	0,32125	1	1		AVRG		0.31960		1 5.3298
29 Naphthalene		1.027361	0.892861	0.955251	0.943871	0.95863					-
15.60 (10 x * 10 x 10 x 20 x 20 x 2 i	0.945291	0.96013		1	1		AVRG		0.94918		1 4.1955
			I								-

INITIAL CALIBRATION DATA

Start Cal Date : 27-DEC-2010 10:24 End Cal Date : 12-JAN-2011 10:37

Quant Method : ISTD Target Version : 3.50
Integrator : HP RT : HP RTE

: /var/chem/MSSV4.i/2110112.s.b/8270CE_04.m : 18-Jan-2011 09:22 dlb Method file

Compound	0.2000 Level 1	1 Level 2	2 Level 3	10 Level 4	50 Level 5	80 Level 6	 Curve	15	Coefficients m1	m2	%RSD or R^2
	120 Level 7	160 Level 8	200 Level 9	İ				1			1
30 4-Chloroaniline	+++++ 0.31985	+++++ 0.28762	0.353491	0.400901	0.37810	0.35187	I I AVRG	l I	0.34864	*******	11.60558
31 Hexachlorobutadiene +	0.21654	0.20434	0.15309	0.17767	0.18560	0.18604	 AVRG		- 		1 9.28188
32 4-Chloro-3-Methylphenol +	+++++ 0.28888	+++++ 0.27745	0.22653	0.256691	0.26883		 AVRG	 	0.26619		1 7.81754
33 2-Methylnaphthalene	0.752821	0.64605	0.58900 0.60899	0.64598	0.65116	0.65813		 	- 0.64925		I 6.9112
34 Hexachlorocyclopentadiene ++	+++++ 0.35373	0.298261	0.23002	0.290491	0.37686	0.33981	I I AVRG	 	0.31922		1 14.61922
35 2,4,6-Trichlorophenol +	+++++ 229864	+++++ 266293	1909 324035	12493				I 0.05377	i i		I I 0.99988
36 2,4,5-Trichlorphenol	+++++ 0.43834	+++++ 0.43991	0.35302	0.40169		0.42120		 	- 		 7.17910
							I	 	- _		

Report Date: 19-Jan-2011 16:21

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 27-DEC-2010 10:24 End Cal Date : 12-JAN-2011 10:37

Quant Method : ISTD Target Version : 3.50
Integrator : HP RTE

: /var/chem/MSSV4.i/2110112.s.b/8270CE_04.m : 18-Jan-2011 09:22 dlb Method file

Compound	0.2000 Level 1	l Level 2	2 Level 3	10 Level 4	50 Level 5	80 Level 6		b	Coefficients ml	m2	%RSD or R^2
	120 Level 7	160. Level 8	200 Level 9		1		 				1
38 2-Chloronaphthalene	+++++ 1.16788	1.19788	1.01283	1.15357	1.16173	1.13946	I I I		1 1.145041) 5.0873
39 2-Nitroaniline	1 +++++ 1 0.436521	000000000	+++++ 0.41261	0.359371	0.40825	0.41372	I I		0.41051		6.71376
40 Dimethylphthalate	1.23851	1.26030	1.16509	1.20130	1.23863		I I		1 1.220391		1 2.65214
41 2,6-Dinitrotoluene	1 +++++ 1 0.287821	+++++ 0.285321	0.19242	0.25152	0.26962		I I		0.262381	N. M. M. M. PA. AND ST.	1 12.5995
42 Acenaphthylene	1.565691	***************************************	1.48178	1.56592	1.56283	7,737-74	I I		1 1.561911		I I 3.18796
43 3-Nitroaniline	1 +++++		+++++	0.304271	0.32183		AVRG		0.316261	all this was per set also the th	3,56213
45 Acenaphthene +	1 +++++ 1	1.15493	1.008871	1.05758	1.05585		AVRG		1 1.061961		1 4.22970
	1,			1							

Report Date: 19-Jan-2011 16:21

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 27-DEC-2010 10:24 End Cal Date : 12-JAN-2011 10:37

Quant Method : ISTD Target Version : 3.50 Integrator Method file : HP RTE

: /var/chem/MSSV4.i/2110112.s.b/8270CE_04.m : 18-Jan-2011 09:22 dlb

Compound	0.2000 Level 1	1 Level 2	2 Level 3	10 Level 4	50 Level 5	80 Level 6	Curvel	b	Coefficients m1	m2	%RSD or R^2
	120 Level 7	160 Level 8	200 Level 9	į	i	i					1
46 2,4-Dinitrophenol ++	+++++ 0.19714	+++++ 0.19977	0.08652	0.100741	0.16903	0.17080	AVRG	E M. W. M. M. W. M. M.	 0.16316		31.0268
47 Dibenzofuran	1 +++++ 1	+++++ 1.55202	1.53338	1.550431	1.52183		AVRG		1 1.535571		1 1.8248
48 2,4-Dinitrotoluene	+++++ 0.37184	+++++ 0.35157	0.31061	0.31379 	0.354551	0.36181	AVRG		0.34425		1 6.8030
49 4-Nitrophenol ++	+++++ 0.17301	+++++ 0.17462	+++++ 0.17429	0.16393	0.16718	0.16225			0.16921		1 3.2358
50 Diethylphthalate	+++++ 1.17079	0.96110	0.97381	1.11368	1	1.11338	AVRG		1 1.081631		 6.9163
51 Fluorene	1 +++++ 1	1.17856	1.01792	1.15678	ì	1.15934	AVRG		1 1.13875		1 4.9962
52 4-Chlorophenyl-phenylether	1 +++++	0.57478	0.54346	0.56163		0.55531			1 0.558301		1 2.8599
	1 1										1

Report Date : 19-Jan-2011 16:21 Page 8

GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 27-DEC-2010 10:24 End Cal Date : 12-JAN-2011 10:37

Quant Method : ISTD Target Version : 3.50 Integrator Method file : HP RTE

: /var/chem/MSSV4.i/2110112.s.b/8270CE_04.m : 18-Jan-2011 09:22 dlb

Compound	0.2000 Level 1	l Level 2	2 Level 3	10 Level 4	50 Level 5	80 Level 6		ь	Coefficients ml	m2	%RSD or R^2
	120 Level 7	160 Level 8	200 Level 9		1						
53 4-Nitroaniline	1 +++++	0.324061	0.29656	0.31857	0.30740	0.27698	I I		I I I I I I I I I I I I I I I I I I I		1 5.5081
54 4,6-Dinitro-o-cresol	1 1303321	+++++ 1	698 179347	5526	632761	86825	 LINR	0.13186	i		1 0.99705
55 N-nitrosodiphenylamine (1)+	1 +++++ 1	+++++ 0.586991	0.45923	0.525941	J	0.56335	I I I AVRG I		0.546631		1 7.8664
56 Azobenzene	1 +++++	+++++ 1	0.665621	0.72088		0.79619	I I I		0.75125		 6.31054
58 4-Bromophenyl-phenylether	0.21756	+++++ 0.22043	0.179641	0.18754	0.203331	0.21285	I I		0.203831		7.49014
59 Hexachlorobenzene	0.21360	0.21824	0.209461	0.200861		0.20768	I I I		0.21085		1 1 3.12189
60 Pentachlorophenol +	1 +++++	+++++	790 178334	6147	66019	84775	I CONTRACTOR	0.11438	0.16975		1 0.99783
***************************************									- _		_

INITIAL CALIBRATION DATA

Start Cal Date : 27-DEC-2010 10:24 End Cal Date : 12-JAN-2011 10:37

Quant Method : ISTD Target Version : 3.50 Integrator Method file : HP RTE

: /var/chem/MSSV4.i/2110112.s.b/8270CE_04.m : 18-Jan-2011 09:22 dlb

Compound	0.2000 Level 1	1 I	2 Level 3	10 Level 4	50 Level 5	80 Level 6	Curvel	b	Coefficients ml	m2	%RSD or R^2
	 120 Level 7	160 Level 8	200 Level 9		 	 	1				[
62 Phenanthrene	1 1.074441	1.12947	1.04958	1.02199	1.04780	1.08261	AVRG		1 1.06876		2.95851
63 Anthracene	1 +++++ 1	1.04511	0.917291	1.02206	1.045131	1.09079	AVRG I		1 1.042481		1 1 5.360511
64 Carbazole	1 0.994681	1.01903)	0.87491	1.02118	0.98478	0.98058	AVRG		0.98112		5.037141
65 Di-n-butylphthalate	1 +++++ 1	1.17596	0.78292	0.98236		1.16995	AVRG		1 1.072931		1 13.514801
66 Total Methylphenol	1 +++++ 1	+++++ 1.10393	0.957061	1.10623	1.14705	1.13031	AVRG		1 1.091461		1 6.340171
67 Fluoranthene +	1 +++++ 1 0.984671	0.83651	0.85548	0.95075	1	0.97780	AVRG		0.946681		1 1 1 7.174851
68 Benzidine	0.15576	0.12598	+++++ 1	0.15815	0.09737	0.06311	AVRG		1 0.114611		1 38.740841
									_		

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GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 27-DEC-2010 10:24 End Cal Date : 12-JAN-2011 10:37

Quant Method : ISTD Quant Method : 1510
Target Version : 3.50
Integrator : HP RTE
Method file : /var/chem/MSSV4.i/2110112.s.b/8270CE_04.m
Cal Date : 18-Jan-2011 09:22 dlb

Compound	0.2000 Level 1	1 Level 2	2 Level 3	10 Level 4	50 Level 5	80 Level 6		b	ml	m2	%RSD or R^2
	1 120 1 1 Level 7	160 Level 8	200 Level 9	1			1 1				1
69 Pyrene	1.36052	a a real particular and the	1.05406	1.20593		1.34173	I I	1	1.23232		I I 9.4897
71 Butylbenzylphthalate	1 +++++	+++++	27201 5481231	19912	193224	270016		0.036481	0.614051		0.9988
72 Benzo(a)anthracene	1 +++++	1.14780	1.06589	1.00001	1.14722		AVRG		1.11425		5.7102
73 3,3'-Dichlorobenzidine	1 +++++	265787	1647 329103	12760	120255	160537	LINR I	0.024101	0.365771		0.9992
75 Chrysene	+++++	1.37981	1.20800	1.11843		1.20735	I I] !	1.20225		1 6.5901
76 bis(2-Ethylhexyl)phthalate	1 +++++	1319	26681 6973891	21368 I	237546	337863		0.05297	0.78798		0.9981
77 Di-n-octylphthalate +	+++++ 714374		+++++ 1159958	22891 I	345642	,	LINR	0.24132	1.31692	v	0.9987
							[_

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GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 27-DEC-2010 10:24 End Cal Date : 12-JAN-2011 10:37

Quant Method : ISTD Target Version : 3.50
Integrator : HP RTE Integrator Method file

: /var/chem/MSSV4.i/2110112.s.b/8270CE_04.m : 18-Jan-2011 09:22 dlb

	0.2000	1 1	2 1	10	50	80	1	Co	efficients	1	%RSD
Compound	Level 1	Level 2	Level 3	Level 4	Level 5		Curvel	b	m1	m2 1	or R^2
	120 Level 7	160 Level 8	200 Level 9	1	1					1	
78 Benzo(b)fluoranthene	1 +++++ I 6409551	2138 803446	3959 916092	260801	2794361	403551	I I I	0.09873	0.81829	0.004461	0.9916
79 Benzo(k) fluoranthene	1 +++++ 1 1.449551	1.00962	1.07671	1.39610	1.54922	1.45940	I I	1	1.358991	1	14.7968
80 Benzo(a)pyrene +	0.89265	0.98335	0.98062	0.94145	0.999361	1.09163	I I	1	1.03989	. 1	9.8460
82 Indeno(1,2,3-cd)pyrene	1 165 1 697721	1718 898756	57241 11605541	317961	349680	454713	I I	0.11267	1.26316	1	0.9950
83 Dibenzo(a,h)anthracene	48.00000 521692	1280 708860	4265 923336	255221	2705441		LINR	0.11054	1.10560	1	0.9952
84 Benzo(g,h,i)perylene	1 1141 1 6215771	2413 832347	6487 1021938	300371	311187		I I	0.090941	1,25542	1	0.9961
85 2-Picoline	+++++ 1.27533	1.27006	+++++ 1.23750	1.39808	1.34936	1.27581			1.30102		4.617

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GCAL, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 27-DEC-2010 10:24 End Cal Date : 12-JAN-2011 10:37

Quant Method : ISTD Target Version : 3.50
Integrator : HP RTE

: /var/chem/MSSV4.i/2110112.s.b/8270CE_04.m : 18-Jan-2011 09:22 dlb Method file

Compound	0.2000 Level 1	l Level 2	2 Level 3	10 Level 4	50 Level 5	80 Level 6	Curve	ь	Coefficients ml	m2 I	%RSD or R^2
	120 Level 7	160 Level 8	200 Level 9	 			1 1 1 1 1 1			 	
86 N-Nitrosomethylethylamine	0.436421	+++++ 0.43920	+++++ 0.40761	0.47549	0.44718	0.38832	I I	-	0.43237	ļ	7.08692
87 Methyl methanesulfonate	+++++ 0.47597	+++++ 0.466971	+++++	0.63301	0.59836	0.53914	I IAVRG		0.54269	i	13.49493
88 N-Nitrosodiethylamine	1 +++++	+++++ 0.51946		0.530451	0.56196		I I		0.52842	1	3.34620
89 Ethyl methanesulfonate	+++++ 0.77498	+++++ 0.77754		0.81295	0.85684	3317	I IAVRG		0.79501	-	4.3418
90 Pentachloroethane	+++++ 0.51047	+++++ 0.51764	+++++ I 0.51982	0.53492	1		I I		0.51792	 	1.74943
91 Acetophenone	1 +++++ 1	1.30680	+++++ 1.22136	1.27315	1.32820	1.34328	I I		1.30490	i	3.85937
92 O-Toluidine	1 ++++	***** 321787	+++++ 500675	529361		254630	I IQUAD I	0.25294	-0.10263	0.30171	0.99762
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#### INITIAL CALIBRATION DATA

Start Cal Date : 27-DEC-2010 10:24 End Cal Date : 12-JAN-2011 10:37

Quant Method : ISTD Target Version : 3.50 Integrator : HP RTE

: /var/chem/MSSV4.i/2110112.s.b/8270CE_04.m : 18-Jan-2011 09:22 dlb Method file

Level 1	Level 2	Level 3	Level 4	50   Level 5		Curvel	b	Coefficients ml	m2	%RSD   or R^2
120   Level 7	160   Level 8	200   Level 9	1	İ		1   1				1
+++++ I 0.58102	+++++ I 0.59330	+++++   0.56024	0.632421	0.65904	0.57176	I I		0.599631		1 6.3805
+++++   0.20088	+++++ I 0.20100	+++++   0.20314	0.21448	0.20859	0.19545	I I		0.20392		1 3.2790
+++++ I 0.14709	+++++   0.15143	+++++   0.14984	0.15235	0.14745	0.14563	i		1 0.14897		1 1.7821
+++++   0.48092	+++++   0.57470	+++++   0.52512	0.51828	0.49774	0.42857	1 1		0.504221		I I 9.6792
+++++   0.19611	+++++   0.19623	+++++ I 0.204701	0.17350	0.18056	0.19003	AVRG		0.19019		1 1 6.0105
+++++   0.28553	+++++   0.28751	+++++   0.28750	0.29789	0.30066	0.27504	I I		0.289021		1 1 3.1955
+++++   0.17829	+++++   0.17847	+++++   0.17995	0.18369  	0.18726	0.17351	1 1				1 2.6436
	Level 7	120   160   Level 7   Level 8	Level 7   Level 8   Level 9	120   160   200	120   160   200	120   160   200	120   160   200	120   160   200	120	120

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## GCAL, Inc.

#### INITIAL CALIBRATION DATA

Start Cal Date : 27-DEC-2010 10:24 End Cal Date : 12-JAN-2011 10:37

Quant Method : ISTD Target Version : 3.50
Integrator : HP RTE

: /var/chem/MSSV4.i/2110112.s.b/8270CE_04.m : 18-Jan-2011 09:22 dlb Method file

	1	0.2000	1	1 )		2	1	10	1	50	80		1		Co	efficients	(1	%RSD
Compound	1	Level 1	1	Level 2	1000	evel 3	1	Level 4	1	Level 5	Level		Curve	b		ml	m2	or R^2
	1	120 Level 7	1	160   Level 8	Le	200 evel 9	l l		1	t I			1					
100 p-Phenylenediamine	1	+++++ 0.01262	1	+++++   0.01723		+++++ 0.02006	1	+++++	1	0.01474	0.0	1093	I IAVRG		1.	0.01512		24.04371
101 Isosafrole	1	+++++ 0.12304		+++++   0.12596		+++++ 0.12299	1	0.13018	1	0,12964) I	0.1	2129			I.	0.12552		2.96745
102 1,2,4,5-Tetrachlorobenzene	1	+++++ 0.60123	1	0.57855		0.58127 0.61482	i I	0.66269	1	0.59615	0.6	3018	IAVRG		1	0.61024		4.52546
103 Safrole	1	+++++ 0.96573	1	+++++   0.98667		+++++ 0.97292	1	1.05282	1	0.99765	1.0	0032	IAVRG		   	0.99602		3.10612
104 1,4-Naphthoquinone	1	+++++ 0.06141	1	0.249741		0.34601	1	0.40773	i L	0.27466	0.1	4703	IAVRG			0.24776		51.32166
105 m-Dinitrobenzene	1	+++++ 0.18848	1	+++++   0.21026		0.14068 0.19933	1	0.17277	1	0.19561	0.1	8330	IAVRG		1	0.18435		1 12.29412
106 Pentachlorobenzene	1	+++++ 0.45397	i	+++++ I 0.469381		+++++	ı	0.48786	4	0.47417		5663				0.46752		2.67671
	-1-		1-				1		1-						!-			

#### INITIAL CALIBRATION DATA

Start Cal Date : 27-DEC-2010 10:24 End Cal Date : 12-JAN-2011 10:37

Quant Method : ISTD Target Version : 3.50
Integrator : HP RTE
Method file : /var/ch

: /var/chem/MSSV4.i/2110112.s.b/8270CE_04.m : 18-Jan-2011 09:22 dlb

Compound	0.2000     Level 1	l Level 2	2   Level 3	10   Level 4	50 Level 5	80 Level 6	Curve		ml	m2 1	%RSD or R^2
	120     Level 7	160   Level 8	200   Level 9				1 1 1 1			1	
107 2-Napthylamine	396141	+++++   401398	98371 6557191	53016	281008	265775	I I	-0.00166	0.82148	0.24972	0.9974
108 2,3,4,6-Tetrachlorophenol	1 ++++	+++++ 1 0.267951	0.17131	0.20620	0.24391	0.23546	I I IAVRG I		0.233431	i	14.7895
109 1-Naphthylamine	1 +++++		12257	577171			I I	0.03131	0.51044	0.454331	0.9963
110 Thionazin	1 +++++	5775655555	+++++   0.15793	0.179731			I I	1	0.17316		7.8308
111 5-Nitro-o-toluidine	1 +++++		+++++   0.30634	0.313091	0.33335		I I		0.307741		4.9244
112 Tetraethyldithiopyrophosphate	0.11869	50.79=30.07	+++++ 0.13141	0.10451	0.12198	0.11335	I I	1	0.11910	1	7.8486
113 Diallate	1 ++++			0.24245	0.21539		I I		0.21571	1	6.4638
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#### INITIAL CALIBRATION DATA

Start Cal Date : 27-DEC-2010 10:24 End Cal Date : 12-JAN-2011 10:37

Quant Method : ISTD Target Version : 3.50 Integrator Method file : HP RTE

: /var/chem/MSSV4.i/2110112.s.b/8270CE_04.m : 18-Jan-2011 09:22 dlb

Compound	0.2000 Level 1	l Level 2	2   Level 3	10 Level 4	50     Level 5	80 Level 6	  Curve	b	pefficients ml	m2	%RSD   or R^2
	120 Level 7	160   Level 8	200   Level 9	CET THE SET SET SET SET SET SET SET SET SET			1 1 1 1 1 1			1	1
114 Phorate	1 +++++	0.35611	0.31359	0.39234	0.37638	0.36721	I I	) E	0.35720	1	7.91052
115 sym-Trinitrobenzene	1 +++++	+++++ 67177	+++++ 1	3310	1	28934	I I I	0,13053	14.47101	-6.024361	0.99715
116 Phenacetin	0.30915		+++++ 1 0.299961	0.26918	0.29711	0.28409	I I	1	0.300551	!	8.43080
117 Dimethoate	1 +++++	NAME OF STREET	A STATE OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PAR	0.21119	0.21790		I I	i.	0.20730	1	5.87936
118 Pentachloronitrobenzene	1 +++++			0.08345	i i	0.08310	I I		0.08858	   	5.23137
119 4-Aminobiphenyl	1 +++++	100000000000000000000000000000000000000	10976	51228	1	239016	I I I	0.061651	0.304591	1.62073	0.99556
120 Pronamide	1 +++++		+++++   0.30244	0.28436	1	0.29521	I I	1	0.30189	i 1	4.73814
***************************************											

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# GCAL, Inc.

## INITIAL CALIBRATION DATA

Start Cal Date : 27-DEC-2010 10:24 End Cal Date : 12-JAN-2011 10:37

Quant Method : ISTD Target Version : 3.50 Integrator Method file : HP RTE

: /var/chem/MSSV4.i/2110112.s.b/8270CE_04.m : 18-Jan-2011 09:22 dlb

	1 0.2000 1	1 1	2 1	10 1	50	80	1 1	C	oefficients	1	%RSD
Compound	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Curve	b	m1	m2	or R^2
	1 120   1 Level 7	160   Level 8	200   Level 9	į	İ		1 1			1	
121 Dinoseb	1 +++++ 1	+++++   162201	993  269094	62271	636861	71568	I I I	0.090851	6.21847	i	0.99493
122 Disulfoton	1 +++++	+++++   0.28236	+++++   0.25033	0.333981	0.30911	0.26953	I I I	i	0.286771	I I	10.46602
123 Methyl parathion	+++++     0.21250	+++++   0.21999	+++++ 1 0.198301	0.17814		0.19528		   	0.202661		7.49767
124 4-Nitroquinoline-1-oxide	+++++     51061	+++++   58658	3201 +++++ I	2062 I	23795	25437		i	17.942581	-14.13053	0.99782
125 Parathion	+++++     0.12400	+++++   0.13587	+++++   0.12602	0.10348	0.123551	0.11660	I I IAVRG I	 	0.12159		8.90693
126 Metapyrilene	1 +++++ 1	0.245091	+++++ I 0.233391	0.18295  	i	0.19316	I I	   	0.21477	i	11.18237
127 Isodrin	+++++     0.12187	+++++   0.12861	+++++   0.12246	0.12763  	0.12882	0.12329		    	0.12545	l l	2.5837
							-				

Report Date: 19-Jan-2011 16:21

GCAL, Inc.

### INITIAL CALIBRATION DATA

Start Cal Date : 27-DEC-2010 10:24 End Cal Date : 12-JAN-2011 10:37

Quant Method : ISTD Target Version : 3.50 Integrator Method file : HP RTE

: /var/chem/MSSV4.i/2110112.s.b/8270CE_04.m : 18-Jan-2011 09:22 dlb

Cal Date

+++++	160   Level 8	Level 3    - 200   Level 9	Level 4	Level 5		Curve	b	ml	m2	or R^2
evel 7   	160   Level 8	200	1			1 (1)				
+++++	vernaments !	20102 7 1	- 1	1		1 1			1	
275331	+++++ 1 345971	+++++   60861	1527	13703	14046		0.18343	0.05432	1	0.99522
+++++   0.35805	+++++   0,35815	+++++   0.35171	0.33159	0.38700	9	I I	   	0.35748	   	4.96808
+++++   0.32474	+++++ [ 0.33465]	***** I 0.33545	0.283451	0.33187	0.31142	AVRG	1	0.320261	t 1	6.28453
117836	9991	3416  +++++	15437	734801	82085	I DAUQI	0.04468	1.61681	4.75261	0.99171
0.16309	0.19122	0.31838  +++++	0.46433	0.36210	0.22532	AVRG	1.	0.28741	- 1	40.09647
+++++   271829	+++++ I 3662991	25581 +++++	11068	104884	135973	1 1	0.06459	2.54842	-0.348381	0.99972
+++++   0.63312	+++++ 1 0.62986	+++++   0.603661	0.449221	0.62171	0.58855	1 1		0.58769		11.89420
	+++++   0.35805	+++++   +++++   0.35805  0.35815    1.1816  +++++   1.1826  +++++   1.1826  +++++   1.1816  +++++   1.1816  +++++   1.1816  +++++   1.1816  +++++   1.1816  +++++   1.1816  +++++   1.1816  +++++   1.1816  +++++   1.1816  +++++   1.1816  +++++   1.1816  +++++   1.1816  +++++   1.1816  +++++   1.1816  ++++++   1.1816  ++++++   1.1816  ++++++   1.1816  ++++++   1.1816  ++++++   1.1816  ++++++   1.1816  ++++++   1.1816  ++++++   1.1816  ++++++   1.1816  ++++++   1.1816  ++++++   1.1816  ++++++   1.1816  ++++++   1.1816  ++++++   1.1816  ++++++++++++++++++++++++++++++++++++	+++++   +++++   +++++     0.35805  0.35815  0.35171     +++++   +++++   +++++   0.32474  0.33465  0.33545     +++++   999  3416  117836  +++++   +++++      +++++   0.19122  0.31838  0.16309  +++++   +++++      +++++   +++++   2558  271829  366299  +++++      +++++   +++++   +++++	+++++   +++++   +++++   0.33159  0.35805  0.35815  0.35171       +++++   +++++   +++++   0.28345  0.32474  0.33465  0.33545     +++++   999  3416  15437  117836  +++++   +++++      +++++   0.19122  0.31838  0.46433  0.16309  +++++   +++++      +++++   +++++   2558  11068  271829  366299  +++++      +++++   +++++   +++++   0.44922	+++++   +++++   +++++   0.33159  0.38700  0.35805  0.35815  0.35171            +++++   +++++   +++++   0.28345  0.33187  0.32474  0.33465  0.33545           +++++   999  3416  15437  73480  117836  +++++   +++++            +++++   0.19122  0.31838  0.46433  0.36210  0.16309  +++++   +++++            +++++   +++++   2558  11068  104884  271829  366299  +++++          +++++   +++++   +++++   0.44922  0.62171	+++++	+++++	+++++	+++++   +++++   +++++   0.33159  0.38700  0.35837	+++++

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GCAL, Inc.

### INITIAL CALIBRATION DATA

Start Cal Date : 27-DEC-2010 10:24 End Cal Date : 12-JAN-2011 10:37

Quant Method : ISTD Target Version : 3.50 Integrator Method file : HP RTE

: /var/chem/MSSV4.i/2110112.s.b/8270CE_04.m : 18-Jan-2011 09:22 dlb

Cal Date

Level 2	200   Level 9   	0.003441 	0.01076           99298	0.01860	AVRG    -                             	0.118631	0.027401		 	72.04568 < 0.99766
Level 8	Level 9	0.00344!      11157    0.52368	0.01076  	0.01860  	AVRG    -                             	0.118631	0.02740		 	72.04568  
+++++     0.04550        +++++     357867        +++++     0.45843          +++++	+++++   0.05312    2460  624745    0.47821  +++++	0.00344!      11157    0.52368	0.01076  	0.01860  	AVRG    -                             	0.118631	0.02740		 	72.04568  
+++++     357867       +++++     0.45843  	2460  624745    0.47821  +++++	11157    0.52368	99298         0.46958	135365  	LINR    -       AVRG	0.11863	0.583761		  -  -   	0.997661
+++++     0.45843  	0.47821	0.52368	0.46958	0.496451	AVRG	1	1		1	6.15070
1 +++++		Vaccous and the								VALUE
	and the state of	0.486651	0.46282		AVRG	1	0.46514		I I	5.10782
+++++     0.13533		0.19975	1	0.14382	AVRG I	1	0.15612		1	16.16273
1 +++++ 1 116551	1214	19262	392021	67723	LINR	0.041251	0.18327		1	0.99971
1 +++++	+++++   +++++	THE PERSON NAMED IN COLUMN	MARKET REAL PROPERTY.	0.06681	1		0.05583		1	21.14341
	 	   +++++   1214    116551  +++++   		39202    +++++   1214  19262  39202    116551  +++++			+++++		+++++	+++++

Report Date: 19-Jan-2011 16:21 Page 20

### GCAL, Inc.

### INITIAL CALIBRATION DATA

Start Cal Date : 27-DEC-2010 10:24 End Cal Date : 12-JAN-2011 10:37 Quant Method : ISTD

Quant Method : ISTD Target Version : 3.50 Integrator : HP RT : HP RTE

Method file : /var/chem/MSSV4.i/2110112.s.b/8270CE_04.m : 18-Jan-2011 09:22 dlb

Level 2   160   Level 8 	-	12317 	26519  	58887 15313		0.23981	0.15589	m2	   -   	or R^2
Level 8	Level 9 =	12317 	26519       6396  	58887  15313		0.23981	0.15589		   -   	0.99573  
+++++ 1   10404 -	+++++ 5  +++++ -	12317 	26519       6396  	58887  15313		0.23981	0.15589		   -   	0.99573  
3  2820 -    +++++   +++++	4   +++++ -	     +++++		15313		8830 E. S. S. S. S. S. S. S. S. S. S. S. S. S.	0.05412		1	0.99677 -
+++++   +++++ 	+++++	i	+++++		1 1		1 1		1	1
Contract Contract							0.000e+00			0.000e+001
0.5867		0.60907	COLOR THAN SOME OF THE	0.60458			0.590471		1	2.66875
1 +++++	+++++	1 +++++	+++++	+++++					1	0.000e+00
1 +++++	1 +++++	1 +++++	+++++ 1	++++	I I				1	0.000e+00!<
+++++   +++++	+++++   +++++	+++++	+++++   	+++++					1	0.000e+00[
	+++++ 	+++++   +++++   +++++   +++++   +++++   +++++   +++++   +++++	+++++   +++++   ++++++   +++++   +++++     +++++   +++++   ++++++   +++++   +++++     +++++   +++++   +++++	+++++   +++++   ++++++   ++++++     ++++++	+++++	+++++   +++++   +++++   +++++	+++++   +++++   +++++   +++++	+++++	+++++	+++++

Report Date : 19-Jan-2011 16:21

### GCAL, Inc.

#### INITIAL CALIBRATION DATA

Start Cal Date : 27-DEC-2010 10:24 End Cal Date : 12-JAN-2011 10:37

Quant Method : ISTD Target Version : 3.50 Integrator Method file : HP RTE

: /var/chem/MSSV4.i/2110112.s.b/8270CE_04.m : 18-Jan-2011 09:22 dlb

Compound	1	0.2000   Level 1	 	1   Level 2	Leve	2 el 3	Le	10 vel 4	1	50 Level 5		80 Level 6	  Curv	el	b	Coefficients ml	m2	%RSD   or R^2
	1	120   Level 7	1	160   Level 8	20 Leve	el 9			1		1		1	i.			Ì	1
149 3/4-Chlorophenol		+++++	==   	+++++		++++		++++	-1-	+++++		+++++	I I AVRG	1		0.000e+00]		0.000e+001
151 2,3-Dichlorophenol	1	+++++	   	+++++	+	++++		+++++	1	+++++	   	+++++	I I AVRG	ì		0.000e+001		0.000e+001
152 2,5-Dichlorophenol	1	+++++	1	+++++	+	++++	   	+++++	1	+++++	 		I I AVRG			0.000e+00		0.000e+001
153 3,4-Dichlorophenol	-	+++++	l 	+++++	1.5	++++		+++++	1	+++++		+++++	I IAVRG	i		0.000e+001		0.000e+001
154 Dimethyl Benzyl Alcohol	1	*****	   	+++++		++++	   	++++	1	+++++	   	+++++	    AVRG	-1		0.000e+00]		0.000e+001
155 Benzaldehyde	-   	+++++ 70376	i	207		462	V.	978		58777		63097		1	0.04642	0.91391	3.61156	0.997891
156 Caprolactam	1	0.07964	 	+++++		.05427	N	0.0693	1	0.07198	   	0.07629	I AVRG	ì		0.070271		11.55526
	-		I						-1-		1		1	-1				I

Report Date: 19-Jan-2011 16:21 Page 22

### GCAL, Inc.

### INITIAL CALIBRATION DATA

Start Cal Date : 27-DEC-2010 10:24 End Cal Date : 12-JAN-2011 10:37

Quant Method : ISTD Target Version : 3.50 Integrator Method file

: HP RTE : /var/chem/MSSV4.i/2110112.s.b/8270CE_04.m : 18-Jan-2011 09:22 dlb

Compound	0.2000     Level 1	1   Level 2	2   Level 3	10 Level 4	50   Level 5	80 Level 6		р	Coefficients ml	m2	%RSD     or R^2
	120     Level 7	160   Level 8	200   Level 9								1 1
157 Biphenyl	+++++     0.73035	0.78161	Menaning's	0.73036	0.71133	0.72719	I I				[ 5.21331
158 Atrazine	+++++     0.11884	0.10910	0.12217	0.14832	0.13242	0.12384	I I				1 14.923821
159 Dicyclopentadiene	+++++	+++++	+++++ I +++++ I	+++++	+++++   	+++++	I I		1 0.000e+001		1 0.000e+001
169 Benzenethiol	+++++	+++++   +++++	+++++	+++++	   +++++   		I I		1 1 0.000e+001		0.000e+00
170 Indene	+++++     +++++	+++++   +++++	+++++	+++++	   +++++   		I I I		1 0.000e+001		0.000e+00
171 Quinoline	+++++	+++++   +++++	+++++	+++++	   +++++   		I I I		1 0.000e+001		
172 Methyl Chrysene	+++++     +++++	+++++   +++++	+++++   +++++	+++++	   +++++   		I I		1 0.000e+001		0.000e+001

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### GCAL, Inc.

### INITIAL CALIBRATION DATA

Start Cal Date : 27-DEC-2010 10:24 End Cal Date : 12-JAN-2011 10:37

Quant Method : ISTD Target Version : 3.50 Integrator Method file : HP RTE

: /var/chem/MSSV4.i/2110112.s.b/8270CE_04.m : 18-Jan-2011 09:22 dlb

	0.2000	1 1	1	2	10	50 1	80	1 1	50	Coefficients	1	%RSD
Compound	Level 1	Leve	1 2	Level 3	Level 4	Level 5	Level 6	Curve	b	m1	m2 I	or R^2
	120   Level 7	l leve	1 8 1	200 Level 9				1 1				
173 Dibenz(a,h)acridine	+++++   +++++	i +	· · · · · · · · · · · · · · · · · · ·	+++++	+++++	+++++   	+++++	I I	0.000e+00		0.000e+00	0.000e+00
174 1,4-Dioxane	30   12102	31	1385	1616	8928	Page Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the C			-0.01747	1 1		0.99960
175 2,4and/or2,6-Diaminotoluene	+++++   +++++		++++	+++++	+++++ 	1 +++++	+++++	IAVRG		0.000e+001		0.000e+00
185 2,3and/or3,4 Diaminotoluene	+++++   +++++	1 +	++++ 1	+++++	   +++++ 	1 +++++ 1	+++++	AVRG		1 0.000e+001		0.000e+00
176 4-t-Butyl Phenol	1 +++++	1 +	++++	*****	+++++	+++++	*****	AVRG		1 0.000e+001		0.000e+00
177 1,2,3,4-Tetrachlorobenzene	+++++   +++++	1 +	· · · · · · · · · · · · · · · · · · ·	+++++	1 +++++	[ +++++ ]	+++++	AVRG		0.000e+001		0.000e+00
178 2-Phenyl Phenol	+++++   +++++	i +	++++   ++++	+++++	+++++ 	+++++ 	+++++	I IAVRG		0.000e+001		0.000e+00
*************		-										

Report Date : 19-Jan-2011 16:21 Page 24

### GCAL, Inc.

### INITIAL CALIBRATION DATA

Start Cal Date : 27-DEC-2010 10:24 End Cal Date : 12-JAN-2011 10:37

Quant Method : ISTD Target Version : 3.50
Integrator : HP R : HP RTE

: /var/chem/MSSV4.i/2110112.s.b/8270CE_04.m : 18-Jan-2011 09:22 dlb Method file

Compound	0.20   Leve		l l Level	2	2 Level 3		10 Level 4	1	50 Level 5	1	80 Level 6	  Cur	vel	b	Coefficie ml	nts	m2		RSD   R^2
	12   Leve	1 7	160   Level	8 1	200 Level 9	1		1		1		1	1					i	i
179 Ronnel		+++	+++   +++	++ 1	+++++	1	+++++	-   -	+++++	1	+++++	I	I IG I		l   0.000e+	1001		1 0.0	000e+001
180 Hexabromobenzene		+++	+++   +++		+++++	   	+++++	-1-	++++	1	+++++	I I AVE	Ţ		I I 0.000e+	J		I	000e+001
181 Tolylene 2,6-Diisocyanate	110.00	+++ +++	   +++   +++	++	+++++	1	+++++	-1-	++++	1	+++++	I I AVE	1		0.000e+	i		i	000e+001
182 Tolylene 2,4-Diisocyanate	1 ++	+++	+++   +++	++	+++++	1	+++++	-1-	+++++	1	+++++	I I AVE	- [		I I 0.000e+	J		1	000e+001
183 Tolylene 2,5-diisocyanate	1 ++	+++ +++	   +++   +++	++	+++++	1	+++++	-1-	++++	1	+++++	  AVE	i		1 0.000e+	001		1 0.0	000e+001
1 184 Tolylene Diisocyanate	1 ++	+++ +++	+++   +++	++	*****		+++++	-1-	++++	1	+++++	I I AVE	I		I I 0.000e+	J		1	000e+001
186 Benzothiazole	1.00	+++ +++	+++	++	+++++	1	+++++	-1-	++++	1	+++++	   AVE	i		0.000e+	i		i	000e+001
						-1		-1-		-1-		-1			I	1			

Report Date: 19-Jan-2011 16:21 Page 25

### GCAL, Inc.

### INITIAL CALIBRATION DATA

Start Cal Date : 27-DEC-2010 10:24 End Cal Date : 12-JAN-2011 10:37

Quant Method : ISTD Target Version : 3.50 Integrator : HP RTE

: /var/chem/MSSV4.i/2110112.s.b/8270CE_04.m : 18-Jan-2011 09:22 dlb Method file

Compound	0.2000   Level 1	l 1 Level 2	2   Level 3	10 Level 4	50 Level 5	80   Level 6	Curve		coefficients ml	m2	%RSD     or R^2
	1 120   Level 7	160 Level 8	200 Level 9	<del></del>		 	1 1				1 1
187 2-3H Benzothiazolone	+++++   +++++	*****   *****	+++++   +++++	+++++ 	1 *****	I +++++	I I	1	0.000e+001		
188 2-3H Benzothiazolethione	+++++	+++++   +++++	+++++	+++++ 	+++++ 	1 +++++	AVRG	1	0.000e+00		1 0.000e+001
189 2-tet-Butyl-4-methylphenol	+++++	+++++   +++++	+++++	+++++ 	+++++	1 +++++	I I		0.000e+00		     0.000e+00
190 Methylbenzothiazole	+++++	+++++   +++++	+++++	   +++++ 	1 +++++	1 +++++	I I		0.000e+00		     0.000e+001
191 2,3,4-Trichlorophenol	I +++++	+++++   +++++	+++++	+++++ 	+++++	1 +++++	i	0.000e+001	0.000e+001		0.000e+00
192 2,3,5,6-Tetrachlorophenol	1 +++++	+++++   +++++	+++++	+++++ 	+++++ 	1 +++++			0.000e+00		1 0.000e+001
193 3,4,5-Trichlorophenol	+++++   +++++	   +++++   +++++	+++++   +++++	   +++++ 	+++++	1 +++++	AVRG		0.000e+00		0.000e+00
	-				-		-				

Report Date : 19-Jan-2011 16:21

### GCAL, Inc.

#### INITIAL CALIBRATION DATA

Start Cal Date : 27-DEC-2010 10:24 End Cal Date : 12-JAN-2011 10:37

Quant Method : ISTD Target Version : 3.50 Integrator Method file : HP RTE

: /var/chem/MSSV4.i/2110112.s.b/8270CE_04.m : 18-Jan-2011 09:22 dlb

Compound	0.2000 Level 1		1 Level 2	2 Level 3	10   Level 4	50   Level 5	80   Level 6	Curve		Coefficients ml	m2	%RSD   or R^2	1
	120 Level 7	1	160 Level 8	200 Level 9	   	1	1	-1 1 1 1 1 1				1 1 1	1
194 Diphenyl Ether	+++++	i	+++++	+++++   +++++	+++++ 	+++++	1 +++++	  AVRG		0.000e+001		   0.000e+00	i
195 2,5/2,4-Dichlorophenol	+++++		+++++	I +++++ I +++++	+++++ 	1 +++++	1 +++++	AVRG		0.000e+001		1 0.000e+00	ĺ
196 2,3,4,5-Tetrachlorophenol	+++++	- 5	+++++	I ++++	   +++++ 	+++++ 	+++++ 	AVRG		0.000e+00		   0.000e+00	i
197 Dimethylformamide	+++++		+++++	+++++   +++++	++++	l +++++	1 +++++	I I		0.000e+001		1 1 0.000e+00	Î
198 4,4-Isopropylidene	+++++	- 50	+++++	1 +++++	+++++ 	+++++ 	+++++	i	0.000e+00	0.000e+00		1 0.000e+00	i
199 1,2,3,4-tetrahyrdronapthalene	+++++	1	+++++	1 +++++	+++++	1 +++++	+++++ 	I I		0.000e+00		1 0.000e+00	ì
200 Decane	+++++   +++++	- 5	+++++	+++++   +++++	   +++++ 	+++++ 	+++++ 	AVRG		0.000e+001		0.000e+00	i
		1			-			-				1	1

Report Date : 19-Jan-2011 16:21 Page 27

### GCAL, Inc.

### INITIAL CALIBRATION DATA

Start Cal Date : 27-DEC-2010 10:24 End Cal Date : 12-JAN-2011 10:37

: ISTD Quant Method Target Version : 3.50
Integrator : HP RTE Integrator Method file

Method file : /var/chem/MSSV4.i/2110112.s.b/8270CE_04.m cal Date : 18-Jan-2011 09:22 dlb

Compound	0.2000     Level 1	l   Level 2	2   Level 3	10   Level 4	50   Level 5	80 Level 6	  Curve	Coefficients b ml	m2	%RSD     or R^2
	120     Level 7	160   Level 8	200   Level 9	   						
201 Octadecane	1 +++++ 1	+++++	+++++	+++++	+++++	+++++	I I	[		
202 1,2-Dinitrobenzene	+++++	+++++   +++++	+++++	+++++	+++++	++++	AVRG	0.000e+00		1 0.000e+001
203 1-Chloronaphthalene	+++++	+++++	+++++   +++++	+++++	+++++	+++++	AVRG			I 0.000e+001
3 2-Fluorophenol	1 +++++		+++++   1.20541	1.21111	1		AVRG			1 2.392701
4 Phenol-d5	1.37844	100,000,000,000	1.26333	1.33731	1	1.34484	I I	1 1.34696		3.431981
19 Nitrobenzene-d5	0.33018		0.323821	0.31834	ı	0.32383	I I I	0.326491		1 1.650921
37 2-Fluorobiphenyl	1 +++++	+++++	+++++   1.29568	1.29729	1.32853	1.28052	I I			1 1.950901
40 mil mil mil mil mil mil mil mil mil mil										.

Report Date : 19-Jan-2011 16:21

### GCAL, Inc.

#### INITIAL CALIBRATION DATA

Start Cal Date : 27-DEC-2010 10:24 End Cal Date : 12-JAN-2011 10:37

Quant Method : ISTD Target Version : 3.50 Intégrator : HP RTE

: /var/chem/MSSV4.i/2110112.s.b/8270CE_04.m : 18-Jan-2011 09:22 dlb Method file

	1 0.2000 1	1 (	2 1	10	50 1	80 1	C	pefficients	%RSD
Compound	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6  Curve	b	m1	m2   or R^2
									1
	1 120	160	200	1	Į.	1			1
	Level 7	Level 8	Level 9	- 1	1	1			1
							*******	*********	
57 2,4,6-Tribromophenol	1 +++++ 1	+++++ (	+++++	0.12937	0.12812	0.130791	1	1	1
	0.14256	0.13608	0.13672	1.	1	[AVRG	1	0.13394	4.10563
70 Terphenyl-d14	+++++	+++++ [	+++++	0.70193	0.80660	0.82578	1	1	I.
	0.839531	0.814331	0.766461	1	1	AVRG	1	0.792441	1 6.40386

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Report Date: 19-Jan-2011 16:21

### GCAL, Inc.

#### INITIAL CALIBRATION DATA

Start Cal Date : 27-DEC-2010 10:24 : 12-JAN-2011 10:37 End Cal Date

Quant Method : ISTD Target Version : 3.50 Integrator : HP RTE

: /var/chem/MSSV4.i/2110112.s.b/8270CE_04.m : 18-Jan-2011 09:22 dlb Method file

Cal Date

|Average %RSD Results. _______ |Calculated Average %RSD = 8.19064 |Maximun Average %RSD = 15.00000 |* Passed Average %RSD Test.

ï	Curve	ï	Form	nu.	la		1	Units	1
1		-1		***			1		-1
ı	Averaged	ì	Amt	-	Rs	p/ml	İ	Response	1
1	Linear	1	Amt	=	b	+ Rsp/ml	I	Response	1
1	Quad	ï	Amt	=	b	+ m1*Rsp + m2*Rsp^2	1	Response	1
1		1					1	- 2	1

Data File: /var/chem/MSSV4.i/2110112.s.b/e7907.d

Report Date: 19-Jan-2011 16:27

Page 1

### GCAL, Inc.

### RECOVERY REPORT

Client SDG: 2110112.s

Client Smp ID: STDICV

Fraction: SV

Operator: KCB

SampleType: LCS

Quant Type: ISTD

Client Name: 42-7-10

Sample Matrix: LIQUID

Lab Smp Id: 1600

Level: LOW
Data Type: MS DATA
SpikeList File: icv70.spk

Sublist File: SA8270.sub

Method File: /var/chem/MSSV4.i/2110112.s.b/8270CE_04.m

Misc Info: STDICV*MSSV~7006~*

SPIKE	COMPOUND	1	CONC ADDED ug/L	1	CONC RECOVERED ug/L	1	% RECOVERED	  LIMITS 
1	n-Nitrosodimethylamine	i	50.0	1	48.1	1	96.23	170-130
2	Pyridine	1	50.0	1	43.8	1	87.62	170-130
6	Phenol +	1	50.0	1	51.2	1	102.35	170-130
5	Aniline	-1	50.0	1	46.5	1	93.00	170-130
7	bis(-2-Chloroethyl)Ether	1	50.0	1	48.2	1	96.50	170-130
8	2-Chlorophenol	1	50.0	1	50.1	1	100.21	170-130
9	1,3-Dichlorobenzene	1	50.0	1	49.3	1	98.65	170-130
11	1,4-Dichlorobenzene +	1	50.0	1	49.1	1	98.13	170-130
13	1,2-Dichlorobenzene	1	50.0	1	48.2	1	96.41	170-130
12	Benzyl alcohol	1	50.0	1	49.0	1	98.02	170-130
	2-Methylphenol	1	50.0	1	51.0	1	102.02	170-130
	Bis (2-chloroisopropyl) ether	i	50.0	1	49.8	1	99.54	170-130
	3- & 4-Methylphenol	1	50.0	1	52.2	Ī	104.39	170-130
	N-Nitroso-di-n-propylamine++	î	50.0	î	51.7	1	103.42	170-130
	Hexachloroethane	1	50.0	Ĺ	47.6	1	95.24	170-130
20	Nitrobenzene	1	50.0	1	50.1	1	100.16	170-130
21	Isophorone	1	50.0	1	51.7	1	103.31	170-130
22	2-Nitrophenol +	1	50.0	1	50.3	1	100.63	170-130
	2,4-Dimethyphenol	1	50.0	1	52.1	1	104.12	170-130
	Benzoic Acid	1	50.0	1	53.4	1	106.87	170-130
24	bis (-2-Chloroethoxy) methane	Î	50.0	Î	50.1	1	100.23	170-130
26	2,4-Dichlorophenol +	1	50.0	Î	50.0	1	99.99	170-130
	1,2,4-Trichlorobenzene	Ĩ	50.0	Î	49.5	Ĺ	98.96	170-130
	Naphthalene	1	50.0	1	49.6	1	99.18	170-130
30	4-Chloroaniline	1	50.0	1	55.0	Ī	110.01	170-130
31	Hexachlorobutadiene +	1	50.0	1	48.4	1	96.71	170-130
32	4-Chloro-3-Methylphenol +	I	50.0	Î	52.1	1	104.12	170-130
33	2-Methylnaphthalene	ĺ	50.0	Ī	49.7	1	99.40	170-130
	Hexachlorocyclopentadiene ++	1	50.0	1	52.6	1	105.18	170-130
	2,4,6-Trichlorophenol +	1	50.0	1	47.6	1	95.14	170-130
	2,4,5-Trichlorphenol	I	50.0	1	51.6	1	103.22	170-130
	2-Chloronaphthalene	1	50.0	1	50.4	1	100.88	170-130
	2-Nitroaniline	1	50.0	1	51.2	1	102.39	170-130
				- Î.		Ĭ		Ī

SDIKE	COMPOUND	1	CONC		CONC	1	% RECOVERED	  LIMIT
DE TIND	COME SOND	ì	ug/L		ig/L	İ	RECOVERED	1
40	Dimethylphthalate	<u> </u>	50.0	I	51.2	- -	102.46	  70-13
	2,6-Dinitrotoluene	i	50.0	1	52.9		105.77	
	Acenaphthylene	i	50.0	1	49.8			170-13
	3-Nitroaniline	î	50.0		55.6		111.26	
	Acenaphthene +	1	50.0	1	50.0			170-13
	2,4-Dinitrophenol ++	î	50.0	î	57.0		113.92	
	4-Nitrophenol ++	i	50.0	52	53.0	î	105.93	
	2,4-Dinitrotoluene	î	50.0		54.6	í	109.18	
	Dibenzofuran	i	50.0	5	50.5	i	100.93	
13.50	Diethylphthalate	i	50.0		54.6	6	109.22	S
	Fluorene	î	50.0			1	104.07	
	4-Chlorophenyl-phenylether	i	50.0	•	50.6		101.27	
	N-nitrosodiphenylamine (1)+	i	50.0	Ī	50.2	i	100.35	A COMPANY TO THE
	4-Nitroaniline	i	50.0	i	54.9	i	109.75	
	4,6-Dinitro-o-cresol	i	50.0		49.9	7		170-13
	Azobenzene	i	50.0	100	50.7		101.44	The second second
	4-Bromophenyl-phenylether	i	50.0		49.8	i		170-13
	Hexachlorobenzene	î	50.0	10	48.9	i		170-13
	Pentachlorophenol +	i	50.0	2	50.5		100.95	
	Phenanthrene	1	50.0		51.0	î	102.08	
	Anthracene	Ť	50.0	15	52.5	î	105.08	
100	Di-n-butylphthalate	i	50.0	(3)	54.7	î	109.32	
	Fluoranthene +	Ŷ	50.0		54.6	i	109.25	
	Pyrene	i	50.0		49.7	i		170-13
	Butylbenzylphthalate	i i	50.0	5	45.8	100		170-13
	3,3'-Dichlorobenzidine	î	50.0	8	50.2		100.47	
	Benzo (a) anthracene	i	50.0		47.6			170-13
	Chrysene	î	50.0	î	50.1	-	100.15	
	bis(2-Ethylhexyl)phthalate	î	50.0	ì	45.1	i		170-13
	Di-n-octylphthalate +	î	50.0	î	46.4	i		170-13
	Benzo(b) fluoranthene	i	50.0	3	44.5	- 22		170-13
1000	Benzo(k) fluoranthene	i	50.0	i -	52.1	i	104.30	170-13
	Benzo(a) pyrene +	î	50.0		51.6		103.23	170-13
	Indeno(1,2,3-cd)pyrene	i	50.0	1	44.9	Ī	89.78	170-13
	Dibenzo(a,h)anthracene	î	50.0	i		î	87.58	170-13
	Benzo(g,h,i)perylene	î	50.0	1	45.5	1		170-13
	Benzaldehyde	î	50.0	Î	52.7	1	105.44	
	Caprolactam	î	50.0	Î	55.9		111.87	2 10 222
	Biphenyl	Ť	50.0		50.5	ì	100.92	
	Atrazine	i	50.0	20	58.7	î	117.39	
200		i	(3.5.1)	1		Ť	ಕ್ ಸಾಯ್ ಕೆ.ಕೆ. ''	ĺ

SURROGATE COMPOUND	1	CONC ADDED ug/L	1	CONC RECOVERED ug/L	1	% RECOVERED	  LIMITS 
\$ 3 2-Fluorophenol		100	1	48.9	1	48.86	110-120

Data File: /var/chem/MSSV4.i/2110114.s.b/e7972.d

Report Date: 14-Jan-2011 14:27

### GCAL, Inc.

### CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSSV4.i Injection Date: 14-JAN-2011 14:42

Lab File ID: e7972.d Init. Cal. Date(s): 27-DEC-2010 12-JAN-2011

Analysis Type: WATER Init. Cal. Times: 10:24 10:37

Lab Sample ID: 1400 Quant Type: ISTD Method: /var/chem/MSSV4.i/2110114.s.b/8270CE_04.m

I	1	1	Ţ	CCAL   MI	N	MAX	
COMPOUND	0,000	/ AMOUNT	RF50		F  %D / %DRIFT %I		
		and the second section		and the second second	None and the second		
12 Pyridine	1	1.282781	1.31308	1.31308 0.0		30.000001	*200
11 n-Nitrosodimethylamine	1	0.666921	0.679461	0.6794610.0		30.000001	
\$ 3 2-Fluorophenol	1	1.244171	1.24368)	1.24368 0.0	50  -0.03921	30.00000	Averaged
\$ 4 Phenol-d5	1	1.34696	1.313891	1.31389 0.0	50  -2.45556	30.000001	accommon and an arrangement
5 Aniline	1	42.21521	50.000001	1.26716 0.0	50  -15.56958	30.000001	Quadratic
6 Phenol +	1	1.53925	1.533191	1.53319 0.0	501 -0.393891	20.000001	Averaged
7 bis(-2-Chloroethyl)Ether	Ţ	0.753001	0.749261	0.7492610.0	501 -0.496901	30.000001	Averaged
8 2-Chlorophenol	1	1.339961	1.33870	1.33870 0.0	50  -0.09354	30.000001	Averaged
9 1,3-Dichlorobenzene	1	1.46702	1.46662	1.46662 0.0	501 -0.027881	30.000001	Averaged
11 1,4-Dichlorobenzene +	1	1.49696	1.509401	1.50940 0.0	50  0.83095	20.000001	Averaged
12 Benzyl alcohol	1	0.690981	0.653031	0.6530310.0	50  -5.49227	30.000001	Averaged
113 1,2-Dichlorobenzene	1	1.41528	1.38279	1.38279 0.0	50  -2.29562	30.000001	Averaged
15 2-Methylphenol	1	1.08588	1.07753	1.07753 0.0	501 -0.768741	30.000001	Averaged
14 Bis(2-chloroisopropyl)ether	t	1.387861	1.355991	1.35599 0.0	50  -2.29629	30.000001	Averaged
17 3- & 4-Methylphenol	Ï	1.097051	1.08427	1.08427 0.0	50  -1.16480	30.000001	Averaged
16 N-Nitroso-di-n-propylamine+	1	0.709661	0.668331	0.66833 0.0	501 -5.823311	30.000001	Averaged
18 Hexachloroethane	1	0.545541	0.539461	0.5394610.0	50  -1.11445	30.000001	Averaged
\$ 19 Nitrobenzene-d5	1	0.326491	0.320251	0.32025 0.0	50  -1.91013	30.000001	Averaged
20 Nitrobenzene	1	0.31120	0.30578	0.30578 0.0	50  -1.74375	30.000001	Averaged
21 Isophorone	1	0.496381	0.478891	0.47889 0.0	501 -3.524751	30.000001	Averaged
22 2-Nitrophenol +	1	0.201041	0.199111	0.19911 0.0	501 -0.962201	20.000001	Averaged
123 2,4-Dimethyphenol	Ī	0.337641	0.34177	0.34177 0.0	50  1.22415	30.000001	Averaged
24 bis(-2-Chloroethoxy)methane	î	0.342151	0.331771	0.33177 0.0	501 -3.033491	30.000001	Averaged
125 Benzoic Acid	1	0.163101	0.128531	0.1285310.0	501 -21.199611	30.000001	Averaged
26 2,4-Dichlorophenol +	1	0.298361	0.294881	0.2948810.0	50  -1.16701	20.000001	
127 1,2,4-Trichlorobenzene	1	0.319601	0.324341	0.3243410.0	50  1.48143	30.000001	
129 Naphthalene	11.1	0.949181	0.942031	0.9420310.0	501 -0.754081	30.000001	Averaged
130 4-Chloroaniline	E.	0.348641	0.344391	0.3443910.0	TRIDE	30.000001	Averaged
31 Hexachlorobutadiene +	i	0.18815	0.18935	0.18935 0.0		20.000001	P. O. P. SOCKO
32 4-Chloro-3-Methylphenol +	1	0.266191	0.242021	0.2420210.0		20.000001	Averaged
133 2-Methylnaphthalene	ì	0.649251	0.611211	0.61121 0.0		30.000001	
145 1-Methylnapthalene	E	0.590471	0.555551	0.5555510.0		30.000001	
34 Hexachlorocyclopentadiene +	E	0.319221	0.394931	0.3949310.0		30.000001	Averaged
35 2,4,6-Trichlorophenol +	£	49.133911	50.000001	0.41999 0.0	TOWNE TO SECURE OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF	20.000001	Linear
36 2,4,5-Trichlorphenol	ř	0.412501	0.42581	0.42581 0.0	55 T. SERVICE STREET	30.000001	Averaged
\$ 37 2-Fluorobiphenyl	8	1.312451	1.363471	1.36347 0.0		30.000001	Averaged
T D E ELGOLODIPHENYL		1.312431	1.303471	1.3034710.0	201 3.007411	201000001	Averaged

Data File: /var/chem/MSSV4.i/2110114.s.b/e7972.d

Report Date: 14-Jan-2011 14:27

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# GCAL, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSSV4.i Injection Date: 14-JAN-2011 14:42

Init. Cal. Date(s): 27-DEC-2010 12-JAN-2011 Init. Cal. Times: 10:24 10:37 Lab File ID: e7972.d Analysis Type: WATER

Lab Sample ID: 1400 Quant Type: ISTD Method: /var/chem/MSSV4.i/2110114.s.b/8270CE_04.m

I .	1		1	CCAL   MIN	1	MAX I	
COMPOUND	RRF	/ AMOUNT!	RF50	RRF50   RRF	%D / %DRIFT %D	/ %DRIFT	CURVE TYPE
2 Mar and and that the last that the first that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last that the last the last the last that the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the last the		******	30 TH FOR THE NO. 100 THE SEC. 30 THE SEC. 30 THE				
38 2-Chloronaphthalene	1	1.14504	1.19007	1.19007 0.050	3.93221	30.000001	Averaged
39 2-Nitroaniline	1	0.41051	0.397371	0.39737 0.050	-3.200761	30.000001	Averaged
40 Dimethylphthalate	1	1.22039	1.20518	1.20518 0.050	-1.24637	30.000001	Averaged
41 2,6-Dinitrotoluene	1	0.262381	0.25942	0.25942 0.050	-1.13134	30.000001	Averaged
42 Acenaphthylene	1	1.56191	1.556651	1.55665 0.050	-0.336821	30.000001	Averaged
43 3-Nitroaniline	1	0.31626	0.30520	0.30520 0.050	-3.495991	30.000001	Averaged
45 Acenaphthene +	1	1.061961	1.04291	1.04291 0.050	-1.794591	20.000001	Averaged
46 2,4-Dinitrophenol ++	1	46.07757	50.000001	0.15430 0.050	-7.844851	30.000001	Quadratic
49 4-Nitrophenol ++	1	0.16921	0.15400	0.15400 0.050	-8.987921	30.000001	Averaged
47 Dibenzofuran	1	1.53557	1.54681	1.54681 0.050	0.732231	30.000001	Averaged
48 2,4-Dinitrotoluene	1:	0.344251	0.34107	0.34107 0.050	-0.922061	30.000001	Averaged
50 Diethylphthalate	1	1.08163	1.07156	1.07156 0.050	-0.93052	30.000001	Averaged
52 4-Chlorophenyl-phenylether	1	0.55830	0.53653	0.53653 0.050	-3.900551	30.000001	Averaged
51 Fluorene	1	1.13875	1.14513	1.14513 0.050	0.560381	30.000001	Averaged
53 4-Nitroaniline	-1	0.304971	0.30051	0.30051 0.050	-1.462141	30.000001	Averaged
54 4,6-Dinitro-o-cresol	1	46.81279	50.000001	0.14369 0.050	-6.374431	30.000001	Linear
55 N-nitrosodiphenylamine (1)+	1	0.546631	0.547601	0.54760 0.050	0.177641	20.000001	Averaged
56 Azobenzene	1	0.751251	0.78301	0.78301 0.050	4.228041	30.000001	Averaged
\$ 57 2,4,6-Tribromophenol	1	0.133941	0.12812	0.12812 0.050	-4.345021	30.000001	Averaged
58 4-Bromophenyl-phenylether	1	0.203831	0.205531	0.20553 0.050	0.833301	30.000001	Averaged
59 Hexachlorobenzene	E	0.21085	0.204251	0.20425 0.050	-3.13051	30.000001	Averaged
60 Pentachlorophenol +	1	45.915501	50.000001	0.14035 0.050	-8.169001	20.000001	Linear
62 Phenanthrene	Ĩ	1.068761	1.028331	1.02833[0.050]	-3.782941	30.000001	Averaged
63 Anthracene	1	1.042481	1.056001	1.05600 0.050	1.296591	30.000001	Averaged
164 Carbazole	1	0.981121	0.998911	0.99891 0.050	1.813591	30.000001	Averaged
65 Di-n-butylphthalate	1.	1.072931	1.078441	1.07844 0.050	0.513961	30.000001	Averaged
67 Fluoranthene +	E	0.946681	0.987451	0.9874510.0501	4.305931	20.000001	Averaged
68 Benzidine	15	0.114611	0.087361	0.0873610.0501	-23.776761	30.000001	Averaged
169 Pyrene	1	1.232321	1.430751	1.43075 0.050	16.102871	30.000001	Averaged
\$ 70 Terphenyl-d14	Î	0.792441	0.870541	0.87054 0.050	9.856031	30.000001	Averaged
71 Butylbenzylphthalate	î	49.316721	50.000001	0.5877410.0501	-1.366561	30.000001	Linear
173 3,3'-Dichlorobenzidine	1	48.819231	50.000001	0.3500810.0501	-2.361541	30.000001	Linear
172 Benzo(a)anthracene	1	1.114251	1.056741	1.05674 0.050	-5.16178	30.000001	Averaged
176 bis(2-Ethylhexyl)phthalate	1	44.936081	50.000001	0.6747810.0501	-10.127841	30.000001	Linear
175 Chrysene	10	1.202251	1.239001	1.23900 0.050	3.056051	30.000001	
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Data File: /var/chem/MSSV4.i/2110114.s.b/e7972.d

Report Date: 14-Jan-2011 14:27

GCAL, Inc.

### CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSSV4.i

Injection Date: 14-JAN-2011 14:42
Init. Cal. Date(s): 27-DEC-2010 12-JAN-2011
Init. Cal. Times: 10:24 10:37 Lab File ID: e7972.d

Analysis Type: WATER

Lab Sample ID: 1400 Quant Type: ISTD Method: /var/chem/MSSV4.i/2110114.s.b/8270CE_04.m

I	1,	1	1	CCAL   MIN	1	MAX I	- 1
COMPOUND	RRF	/ AMOUNT!	RF50	RRF50   RRF   1	D / %DRIFT %D	/ %DRIFT	CURVE TYPE;
_			*******	******		*********	
77 Di-n-octylphthalate +	1	42.880361	50.000001	0.87516 0.050	-14.23928	20.000001	Linear
78 Benzo(b)fluoranthene	1	44.325771	50.000001	0.98031 0.050	-11.34847	30.000001	Quadratic
79 Benzo(k)fluoranthene	1	1.358991	1.477561	1.47756 0.050	8.724971	30.000001	Averaged
80 Benzo(a)pyrene +	1	1.039891	1.05500	1.05500 0.050	1.45288	20.000001	Averaged
82 Indeno(1,2,3-cd)pyrene	1	40.88510	50.000001	0.91903 0.050	-18.22980	30.000001	Linear
83 Dibenzo(a,h)anthracene	1	43.847971	50.000001	0.87180 0.050	-12.30406	30.000001	Linear
84 Benzo(g,h,i)perylene	1	46.337141	50.000001	1.07212 0.050	-7.325721	30.000001	Linear
M 66 Total Methylphenol	1	1.091461	1.08090	1.08090 0.050	-0.96778	30.000001	Averaged
91 Acetophenone	1	1.304901	1.268431	1.26843 0.050	-2.79451	30.000001	Averaged
155 Benzaldehyde	1	51.78637	50.000001	0.37987 0.050	3.572751	30.000001	Quadratic
156 Caprolactam	1	0.070271	0.060031	0.06003 0.050	-14.57457	30.000001	Averaged
157 Biphenyl	1	0.71458	0.661361	0.66136 0.050	-7.44768	30.000001	Averaged
158 Atrazine	1	0.11879	0.13083	0.13083[0.050]	10.128921	30.000001	Averaged
174 1,4-Dioxane	1	51.22342	50.000001	0.4577710.0501	2.44685	30.000001	Linear
f .	1	1	1	1 1	T.	1	1

Average	%D	/ Di	rift	Results			3
			e ser ser ster	***	-		
Calculat	ted	Ave	rage	%D/Drift	=	4.73174	1
Maximun	Ave	rage	2 %D	/Drift	100	30.00000	3
* Passed	A E	era	je %1	D/Drift 7	est.		j

Data File: /var/chem/MSSV4.i/2110117.s.b/e8008.d

Report Date: 17-Jan-2011 14:21

### GCAL, Inc.

### CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSSV4.i Injection Date: 17-JAN-2011 08:38

Lab File ID: e8008.d Init. Cal. Date(s): 27-DEC-2010 12-JAN-2011

Analysis Type: WATER Init. Cal. Times: 10:24 10:37

Lab Sample ID: 1400 Quant Type: ISTD Method: /var/chem/MSSV4.i/2110117.s.b/8270CE_04.m

1	1	1	i	CCAL   MIN	1 1	MAX I	
COMPOUND	1.600000000	/ AMOUNT	RF50	SECT. INCOME.	%D / %DRIFT %D		
2 Pyridine	1	1.282781	1.443191	1.4431910.050		30.000001	
1 n-Nitrosodimethylamine	1	0.666921	0.673831	0.67383 0.050	1.035161	30.000001	Averaged
\$ 3 2-Fluorophenol	1	1.244171	1.272441	1.2724410.050	2.272461	30.000001	Averaged
\$ 4 Phenol-d5	1	1.346961	1.345521	1.34552 0.050	-0.106661	30.000001	Averaged
[5 Aniline	1	41.51068	50.000001	1.25562 0.050	-16.978631	30.000001	Quadratic
6 Phenol +	1	1.539251	1.560601	1.56060 0.050	1.386871	20.000001	Averaged
7 bis(-2-Chloroethyl)Ether	1	0.753001	0.776441	0.7764410.050	3.11301	30.000001	Averaged
8 2-Chlorophenol	1	1.339961	1.38542	1.38542 0.050	3.392891	30.000001	Averaged
19 1,3-Dichlorobenzene	1	1.467021	1.50131	1.50131 0.050	2.337131	30.000001	Averaged
11 1,4-Dichlorobenzene +	Î	1.496961	1.51178	1.51178 0.050	0.990051	20.000001	Averaged
12 Benzyl alcohol	1	0.690981	0.667391	0.6673910.050	-3.415291	30.000001	Averaged
13 1,2-Dichlorobenzene	1	1.41528	1.40542	1.40542 0.050	-0.696931	30.000001	Averaged
15 2-Methylphenol	1	1.085881	1.06532	1.06532 0.050	-1.89318	30.000001	Averaged
(14 Bis(2-chloroisopropyl)ether	1	1.387861	1.393391	1.39339 0.050	0.398531	30.000001	Averaged
17 3- & 4-Methylphenol	1	1.097051	1.086521	1.08652 0.050	-0.960321	30.000001	Averaged
16 N-Nitroso-di-n-propylamine+	1	0.709661	0.665521	0.6655210.050	-6.219641	30.000001	Averaged
18 Hexachloroethane	1	0.545541	0.552161	0.55216 0.050	1.21323	30.000001	Averaged
\$ 19 Nitrobenzene-d5	1	0.326491	0.328141	0.32814 0.050	0.505481	30.000001	Averaged
20 Nitrobenzene	1	0.31120	0.311661	0.31166[0.050	0.146191	30.000001	Averaged
21 Isophorone	1	0.496381	0.485881	0.48588 0.050	-2.11640	30.000001	Averaged
22 2-Nitrophenol +	1	0.201041	0.209961	0.20996 0.050	4,436051	20.000001	Averaged
23 2,4-Dimethyphenol	1	0.337641	0.346551	0.34655 0.050	2.640371	30.000001	Averaged
24 bis(-2-Chloroethoxy)methane	1	0.342151	0.334561	0.33456 0.050	-2.216781	30.000001	Averaged
25 Benzoic Acid	1	0.16310	0.129891	0.12989 0.050	-20.36367	30.000001	Averaged
26 2,4-Dichlorophenol +	1	0.298361	0.289721	0.2897210.050	-2.895641	20.000001	Averaged
27 1,2,4-Trichlorobenzene	1	0.31960	0.31729	0.31729 0.050	-0.722431	30.000001	Averaged
29 Naphthalene	31	0.94918	0.93108	0.93108 0.050	-1.907221	30.000001	Averaged
30 4-Chloroaniline	3	0.348641	0.344431	0.34443 0.050	-1.20617	30.000001	Averaged
31 Hexachlorobutadiene +	1	0.18815	0.18602	0.18602 0.050	-1.12873	20.000001	Averaged
32 4-Chloro-3-Methylphenol +	1	0.266191	0.250971	0.25097 0.050	-5.716421	20.000001	Averaged
33 2-Methylnaphthalene	i	0.649251	0.609251	0.60925 0.050	-6.16101	30.000001	Averaged
145 1-Methylnapthalene	1	0.590471	0.560841	0.5608410.050	-5.01803	30.000001	Averaged
34 Hexachlorocyclopentadiene +	1	0.31922	0.397881	0.39788 0.050	24.64415	30.000001	Averaged
35 2,4,6-Trichlorophenol +	3	49.070521	50.000001	0.41943 0.050	-1.85896	20.000001	Linear
136 2,4,5-Trichlorphenol	3	0.41250	0.443901	0.44390 0.050	7.61181	30.000001	Averaged
\$ 37 2-Fluorobiphenyl	1	1.31245	1.357491	1.35749 0.050	3.43117	30.000001	Averaged
	1		1		II		

Data File: /var/chem/MSSV4.i/2110117.s.b/e8008.d

Report Date: 17-Jan-2011 14:21

GCAL, Inc.

### CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSSV4.i

Injection Date: 17-JAN-2011 08:38
Init. Cal. Date(s): 27-DEC-2010 12-JAN-2011
Init. Cal. Times: 10:24 10:37 Lab File ID: e8008.d

Analysis Type: WATER

Lab Sample ID: 1400 Quant Type: ISTD Method: /var/chem/MSSV4.i/2110117.s.b/8270CE_04.m

L	1	. 1		CCAL	MIN	1 1	MAX	1
COMPOUND	RRF	/ AMOUNT	RF50	RRF50	RRF	%D / %DRIFT %	D / %DRIFT	CURVE TYPE
			***			.	**********	*******
38 2-Chloronaphthalene	1	1.14504	1.19855	1.19	855 0.050	4.672621	30.00000	Averaged
39 2-Nitroaniline	1	0.410511	0.41886	0.41	88610.050	2.033391	30.000001	Averaged
40 Dimethylphthalate	1	1.22039	1.16389	1.16	38910.050	-4.629321	30.000001	Averaged!
41 2,6-Dinitrotoluene	1	0.26238	0.25793	0.25	79310.050	-1.69861	30.00000	Averaged
42 Acenaphthylene	1	1.56191	1.54903	1.54	903 0.050	-0.824491	30.00000	Averaged
43 3-Nitroaniline	1	0.31626	0.29927	0.29	927 0.050	-5.370391	30.000001	Averaged
45 Acenaphthene +	1	1.06196	1.06652	1.06	65210.050	0.429461	20.000001	Averaged
46 2,4-Dinitrophenol ++	1.	46.741331	50.00000	0.15	678 0.050	-6.517341	30.000001	Quadratic
49 4-Nitrophenol ++	I.	0.16921	0.14069	0.14	069 0.050	-16.856131	30.000001	Averaged
47 Dibenzofuran	1	1.535571	1.50893	1 1.50	89310.050	-1.734451	30.000001	Averaged
48 2,4-Dinitrotoluene	1	0.344251	0.31592	0.31	592 0.050	-8.228901	30.000001	Averaged
50 Diethylphthalate	1:	1.08163	1.06226	1.06	226 0.050	-1.790501	30.000001	Averaged
52 4-Chlorophenyl-phenylether	1	0.558301	0.53569	0.53	569 0.050	-4.051141	30.000001	Averaged
51 Fluorene	1:	1.13875	1.13014	1.13	014 0.050	01 -0.756761	30.000001	Averaged
53 4-Nitroaniline	1	0.304971	0.27225	0.27	225 0.050	1 -10.731531	30.000001	Averaged
54 4,6-Dinitro-o-cresol	1	45.28355	50.00000	0.13	840 0.050	-9.432911	30.000001	Linear
55 N-nitrosodiphenylamine (1)+	Ĭ.	0.546631	0.58869	0.58	86910.050	7.695651	20.000001	Averaged
56 Azobenzene	1	0.75125	0.82899	0.82	89910.050	10.348821	30.000001	Averaged
\$ 57 2,4,6-Tribromophenol	T.	0.13394	0.12105	0.12	105 0.050	-9.625021	30.000001	Averaged
58 4-Bromophenyl-phenylether	£	0.20383	0.21686	0.21	686 0.050	6.39521	30.000001	Averaged
59 Hexachlorobenzene	10	0.21085	0.20501	0.20	501 0.050	-2.767761	30.000001	Averaged!
60 Pentachlorophenol +	1	46.51836	50.00000	0.14	239 0.050	-6.963281	20.000001	Linear
62 Phenanthrene	1.	1.06876	1.11894	1.11	894 0.050	4.695091	30.000001	Averaged
63 Anthracene	1	1.042481	1.07636	1.07	63610.050	3.249851	30.000001	Averaged
64 Carbazole	1	0.98112	0.93334	0.93	334 0.050	-4.869931	30.000001	Averaged
65 Di-n-butylphthalate	1	1.072931	1.07783	1.07	78310.050	0.456961	30.000001	Averaged
67 Fluoranthene +	10	0.94668	0.86493	0.86	493 0.050	-8.636121	20.000001	Averaged
68 Benzidine .	1.	0.11461	0.06446	0.06	44610.050	1 -43.762941	30.000001	Averaged
69 Pyrene	15	1.232321	1.56145	1.56	145 0.050	26.708621	30.000001	Averaged
\$ 70 Terphenyl-d14	ĵ.	0.792441	0.92944	0.92	94410.050	17.288491	30.000001	Averaged
71 Butylbenzylphthalate	Ĭ.	52.99382	50.00000	0.63	290 0.050	5.987641	30.000001	Linear
73 3,3'-Dichlorobenzidine	1	50.46831	50.00000	0.36	214 0.050	0.936631	30.000001	Linear
172 Benzo(a)anthracene	1	1.11425	1.11067	1.11	067 0.050	-0.322031	30.000001	Averaged
76 bis(2-Ethylhexyl)phthalate	1	50.84391	50.00000	0.76	788 0.050	1.687811	30.000001	Linear
175 Chrysene	- 6	1.202251	1,18525	1.18	525 0.050	-1.414441	30.000001	Averaged
r	1	1			1	1		1

Data File: /var/chem/MSSV4.i/2110117.s.b/e8008.d

Report Date: 17-Jan-2011 14:21

GCAL, Inc.

### CONTINUING CALIBRATION COMPOUNDS

Instrument ID: MSSV4.i Injection Date: 17-JAN-2011 08:38

Lab File ID: e8008.d Init. Cal. Date(s): 27-DEC-2010 12-JAN-2011

Analysis Type: WATER Init. Cal. Times: 10:24
Quant Type: ISTD 10:37

Lab Sample ID: 1400 Method: /var/chem/MSSV4.i/2110117.s.b/8270CE_04.m

1	1	1	4	CCAL   MIN	1	MAX I	1
COMPOUND	RRF	/ AMOUNT	RF50	RRF50   RRF	%D / %DRIFT %D	/ %DRIFT	CURVE TYPE
77 Di-n-octylphthalate +	1	50.341931	50.000001	1.07169 0.050	0.683851	20.000001	Linear
78 Benzo(b) fluoranthene		47.694991	50.000001	1.06153 0.050	-4.61002	30.000001	Quadratic
79 Benzo(k)fluoranthene	1	1.358991	1.47917	1.47917 0.050	8.842751	30.000001	Averaged
80 Benzo(a)pyrene +	1	1.039891	1.076341	1.07634 0.050	3.505631	20.000001	Averaged
182 Indeno(1,2,3-cd)pyrene	1	41.007361	50.000001	0.92212 0.050	-17.985281	30.000001	Linear
83 Dibenzo(a,h)anthracene	1	43.232541	50.000001	0.85819 0.050	-13.53493	30.000001	Linear
184 Benzo(g,h,i)perylene	1	41.792201	50.000001	0.95800 0.050	-16.41561	30.000001	Linear
M 66 Total Methylphenol	1	1.091461	1.07592	1.0759210.0501	-1.424361	30.000001	Averaged
191 Acetophenone	1	1.304901	1.25351	1.25351 0.050	-3.93798	30.000001	Averaged
155 Benzaldehyde	1	36.413621	50.000001	0.30293 0.050	-27.17276	30.000001	Quadratic
156 Caprolactam	1	0.070271	0.062241	0.06224 0.050	-11.42854	30.000001	Averaged
157 Biphenyl	1	0.71458	0.657451	0.65745 0.050	-7.994471	30.000001	Averaged
158 Atrazine	1	0.11879	0.12838	0.12838 0.050	8.068881	30.000001	Averaged
174 1,4-Dioxane	1	51.91553	50.000001	0.46387 0.050	3.83105	30.000001	Linear
	10.0	T.	7	1 1	1	- 1	

		_
Average %D / Drift Results.		)
		-1
Calculated Average %D/Drift =	6.19585	1
Maximun Average %D/Drift =	30.00000	)
* Passed Average %D/Drift Test.		1
1		_1

Lab Name: GCAL		Contrac	t:			
Lab Code: LA024 Case No.:		SAS No	i.:	SDO	G No.: 21101	1405
Lab File ID ( Standard ): 2110114/e7972		Date Ar	alyzed: 01/1	4/11	Time: 1442	!
Instrument ID: MSSV4		GC Col	umn: RTX-5M	S-30	ID: 25	(mm)
mstanent ib. Woov4		00 001	Jilli. ICIX-Sivi	0-00	1020	(11111)
Analytical Batch: 448983		Method	SW-846 82	70		
	IS	1	IS	2	IS	3
	Area	RT	Area	RT	Area	RT
STANDARD	413290	3.16	193833	4.23	282310	5.14
EPA Sample No.	#	#	#	#	#	#
2						
MB912529	390492	3.16	194040	4.23	265019	5.14
T-15-F MSD	430512	3.16	217830	4.23	297327	5.14
. T-21-F	426254	3.16	190897	4.23	239002	5.14
. NC-0-0.3	374183	3.16	169222	4.23	230571	5.14
. T-2-WEST	402967	3.16	186153	4.23	242141	5.14
T-6-FLOOR	426534	3.16	186213	4.23	243305	5.14
. T-6-EAST	431891	3.16	196907	4.23	261558	5.14
T-6-SOUTH	413858	3.16	197126	4.23	260879	5.14
. T-6-NORTH	410268	3.16	192810	4.23	252106	5.14
. BLIND DUP	432228	3.16	194772	4.23	255574	5.14
. SC-W	333542	3.16	150529	4.23	212227	5.14
LCS912530	350297	3.16	166774	4.23	232945	5.14
. SC-E	447213	3.16	215381	4.23	287272	5.14
LCSD912531	372481	3.16	178672	4.23	254533	5.14
. EQUIPMENT BLANK	281450	3.16	137066	4.23	202373	5.14
MB912490	354388	3.16	180114	4.23	253895	5.14
LCS912491	343667	3.16	169127	4.23	235722	5.14
LCSD912492	484846	3.16	232203	4.23	298478	5.14
T-15-F	434600	3.16	222302	4.23	318057	5.14
T-15-F MS	355249	3.16	162522	4.23	219100	5.14

IS 1 ID: Naphthalene-d8
IS 2 ID: Acenaphthene-d10
IS 3 ID: Phenanthrene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREALOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

^{*} Values outside of QC limits.

Lab Name:		Contra	ct:			
Lab Code: Case	No.:	SAS N	o.;	SD	G No.:	
Lab File ID ( Standard ): 2110114/e79	72	Date A	nalyzed: 01/1	4/11	Time: 1442	2
Instrument ID: MSSV4		GC Co	lumn: RTX-5M	S-30	ID: .25	(mm)
			SW-846 82		, 13. 322	
		Wethod	SVV-846 82	70		
	IS	3 4	IS	5	IS	6
	Area	RT	Area	RT	Area	RT
STANDARD	157131	8.07	196359	6.95	120746	2.42
	#	#	#	#	#	#
. MB912529	110011	8.07	147738	6.95	109326	2.43
. T-15-F MSD	160991	8.07	192516	6.95	125299	2.42
. T-21-F	165633	8.08	160347	6.95	132632	2.43
. NC-0-0.3	243561	8.08	196972	6.96	116852	2.43
. T-2-WEST	195075	8.08	173021	6.95	118807	2.43
. T-6-FLOOR	204739	8.08	182758	6.95	130748	2.43
. T-6-EAST	216971	8.07	185618	6.95	119937	2.43
T-6-SOUTH	218837	8.08	203066	6.95	125574	2.43
T-6-NORTH	208009	8.08	185357	6.95	121593	2.43
. BLIND DUP	218439	8.08	194026	6.95	124904	2.43
SC-W	236097	8.08	187200	6.96	107541	2.42
LCS912530	126441	8.07	152802	6.96	104684	2.43

8.08

8.07

8.07

8.07

8.07

8.07

8.07

8.07

209057

169957

128135

180527

181324

205243

197329

172241

6.95

6.95

6.95

6.95

6.96

6.96

6.95

6.96

132651

106123

83106

101409

100755

138205

124128

105934

2.43

2.43

2.42

2.42

2.42

2.43

2,42

2.42

221458

133745

101197

144498

146282

156083

168475

153371

IS 4 ID : Perylene-d12 IS 5 ID : Chrysene-d12

SC-E

LCSD912531

MB912490

LCS912491

T-15-F

20 . T-15-F MS

LCSD912492

**EQUIPMENT BLANK** 

13 .

14 .

15 .

16 .

17 .

18.

19.

IS 6 ID: 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREALOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

^{*} Values outside of QC limits.

Lab Name: GCAL		Con	tract:	111111				
Lab Code: LA024 Case No.:		SAS	No.:		;	SDG No.:	21101	1405
Lab File ID ( Standard ): 2110117/e8008		Date	e Analyze	d: 01/1	7/11	Time	: 0838	
Instrument ID: MSSV4		GC	Column:	RTX-5MS	S-30	ID:	.25	(mm)
Analytical Batch: 449083		Met	nod: SV	V-846 827	0			
	IS	1		IS 2	2		IS	3
	Area	RT	-	rea	RT	Α	rea	RT
STANDARD	550303	3.17	25	7177	4.23	34	8019	5.14
EPA Sample No.	#		#	#		#	#	#
I . T-21-F	391142	3.16	184	711	4.23	2492	272	5.14

IS 1 ID: Naphthalene-d8
IS 2 ID: Acenaphthene-d10
IS 3 ID: Phenanthrene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREALOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

^{*} Values outside of QC limits.

Lab Name:			Contract				
Lab Code:	Case No.:		SAS No.	.:	SDC	3 No.:	
Lab File ID ( Standard )	: 2110117/e8008		Date An	alyzed: 01/1	7/11	Time: 0838	
Instrument ID: MSSV4			GC Colu	mn: RTX-5MS	S-30	ID: .25	(mm)
			Method:	SW-846 827	0		
		IS	4	IS	5	IS	6
/		Area	RT	Area	RT	Area	RT
STANDARD		163880	8.08	198959	6.96	162920	2.43
		#	#	#	#	#	#
T 21 E		1 121766 1 1	9.09	152267	6.06	1442225	2.42

IS 4 ID : Perylene-d12 IS 5 ID : Chrysene-d12

IS 6 ID: 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREALOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

^{*} Values outside of QC limits.

### BASE NEUTRAL/ACID SAMPLE PREPARATION FORM

	TRACTION TE/TIME		Sta	rt: 1030	End	1:1403		BATC NO:	H 4	488	916 6	32700
M	ATRIX:		WA	TER SO	IL 🗹 OT	HER 🗌		LEVE	L: L	NO.	✓ MEDI	UM 🗀
C	CLIENT	CLIENT I	D	GCAL ID	INITIAL VOL/WT mL g	FINAL VOLUME (mL)	BN pH		SAMP	LE	COMMENTS	METHOD
1	QC ACCOUNT	MB for HBN 448 [EXTO/27518]	3916	912490	30.1	1.0			МВ			LIQUID LIQUID/3520
2	QC ACCOUNT	LCS for HBN 44 [EXTO/27518	8916	912491	302	1-0			LCS		•	
3	QC ACCOUNT	LCSD for HBN 448916 [EXTO/2	2751	912492	30.3	1-0			LCSD			SEPARATORY FUNNEL/3510
4	4482	T-15-F		21101140501	301	1-0	Т		SAMPI	LE	625 SPK	
5	4482	T-15-F MS		21101140502	30.0	1.0			MS	T	625 SPK	SONICATOR/355
6	4482	T-15-F MSD	21/17/12/	21101140503	30.0	1-0	П		MSD	1	625_SPK	1
7	4482	T-21-F		21101140504	30,0	1-0			SAMPI	LE	625_SPK	SOXHLET/3540
8	4482	NC-0-0.3		21101140505		1-0			SAMPI	LE	625_SPK	
9	4482	T-2-WEST		21101140506		1-0			SAMPI	LE	625_SPK	GPC CLEANUP/3640
10	4482	T-6-FLOOR		21101140507	301	10			SAMPI	LE	625_SPK	CLEANUP/3040
11	4482	T-6-EAST		21101140508		1-0			SAMPI	LE	625_SPK	WASTE DILUTION/3580
12	4482	T-6-SOUTH		21101140509	36.4	1-0			SAMPI	LE	625_SPK	DIEUTION
13	4482	T-6-NORTH		21101140510	30.2	1.0			SAMPI	LE	625_SPK	TCLP EXTRACTION
14	4482	BLIND DUP		21101140511	36,1	10			FLDDU	JР	625_SPK	FLUID 1
15	4482	sc-w		21101140512	30,0	10	П		SAMPI	LE	625_SPK	TCLP EXTRACTION
16	4482	SC-E		21101140513	30,2	1.0			SAMP	LΕ	625_SPK	FLUID 2
17				21101140801	301	1.0						MECL2/Acetone
18												No:
19												ACETONE LOT
20												NO:105 788
21												MeCL2 Lot No:
22												105359
23 24		He He He He He He He He He He He He He H	-				$\vdash$	$\vdash$		+		Sodium Sulfate Lot No: 104/19
25					-					+		10317
26				4.00			$\vdash$			$\dashv$	·····	
27					-			$\vdash$		$\dashv$		
28								$\vdash$		$\dashv$		

COMMENTS: SAMPLE PREPARATION INCLUDE DETERMINATION OF SAMPLE VOLUME/WEIGHT, SOLVENT EXTRACTION AND EVAPORATION OF SOLVENT TO FINAL VOLUME

BALANCE ID: SN7123450167 TEMP:

SURROGATE ID	567-2-2	8270 SPIKE ID	625 SPIKE ID	485-46-2	TECHNICIAN	DATE ,
VOLUME	1-110	VOLUME	VOLUME	1.00	Courses	1/14/11
CONCENTRATION	8 Your lat	CONCENTRATION	CONCENTRATION	100 whit	0	1/14/11
NaOH		ACID			SUPERVISOR	DATE
SPIKE WITNESS	319	Z			2nd	1/14/11

Revision 3, 10/04/2010

### BASE NEUTRAL/ACID SAMPLE PREPARATION FORM

EX DA	TRACTION TE/TIME	TIME: 1-14-11 Start: 1/35			En	d: 1306		BATO NO:	СН	44	8924 8	270462551
VI.A	ATRIX:		WATER 🗹	SOIL 🛛	OT	HER 🗌	37 T	LEVE	EL:	LC	Table 1	IUM 🗆
c	LIENT	CLIENT II	GCAL ID	INITIA VQL/W		FINAL VOLUME (mL)	BN pH	Acid pH	SAM		COMMENTS	METHOD
	QC ACCOUNT	-Accessing the second	912529	1006		1-0	71	42	MB			LIQUID LIQUID/3520
	QC ACCOUNT	LCS for HBN 448924 [EXTO/27520	912530	1000		1.0	>11	42	LCS		-	
	QC ACCOUNT	LCSD for HBN 448924 [EXTO/:	912531	1000		1-0	>11	42	LCSE	)	-	SEPARATORY FUNNEL/3510
	4482	EQUIPMENT BLANK	211011405	514 990		1-0	N	12	EQBI	<	625_SPK	
										72		SONICATOR/3550
									-			SOXHLET/3540
4				_	_					_		GPC
0				_	_			-	-	-		CLEANUP/3640
1												WASTE DILUTION/3580
3				-					-			TCLP EXTRACTION FLUID 1
5										-	Non-sur-	TCLP EXTRACTION FLUID 2
7												MECL2/Acetone No:
9												ACETONE LOT NO:
1					_		$\vdash$			_		MeCL2 Lot No:
2											7	105359
3												Sodium Sulfate Lot
1					_		-		_			No:103437
3			-	-								
7	,		** TO TOWARD		200							
8												
		FINAL VOLUM	ATION INCLUDE B	ETERMINAT	ION (	OF SAMPLE VO	DLUN	TEMP:	GHT, SC	OLVE	NT EXTRACTION	I AND EVAPORATI
ji.	RROGATE II	507-2-2	8270 SPIKE ID	т		625 SPIKE ID		HOE	41.21	TEC	HŅICJAN	DATE
_	UME	1001-2-E	VOLUME	<del>                                     </del>		VOLUME		1.6			ALL.	1-14-11
	1000	ON50/100 cal m	Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Contract Con	V	-	CONCENTRA	TION		line			7,7,1
aC	H	502-7-4	ACID	36-3-4				Ü		SUF	PERVISOR	DATE
	IKE TNESS	M				XI.				1.	76	1-14-11

Revision 3, 10/04/2010

### LABORATORY CHRONICLE: MSSV DEPARTMENT

Date: 12-JAN-2011

Standard

Conc

Lot No.

Instrument: MSSV4.i

DFTPP

ppm 50

Int. Standard

4000

Conditions:	
	Conditions:

Sample ID	ClientName	DataFile	1	Wgt/Vol	1	Injection Time	1	Dil	1	Anal	1	ALS	Comments	
	1	1	t		1		1		1		1	1		
1100	1 42-9-11	e7895c.d	1	0.00 ml	1	12-JAN-2011 07:43	1	1.000	1	ксв	1	1	all	
1100	1 42-9-11	e7895.d	- 1	0.00 ml	1	12-JAN-2011 07:43	1	1.000	1	KCB	1	1	all	
1100	1 42-9-11	e7895d.d	1	1000.00 ml	1	12-JAN-2011 07:43	1	1.000	1	KCB	1	1	all	
1400	1 42-7-1	e7896.d	1	1000.00 ml	1	12-JAN-2011 08:00	1	1.000	1	KCB	1.	2 (	8270c	
1205	1 42-7-1	l e7897.d	1	1000.00 ml	1	12-JAN-2011 08:21	1	1.000	1	KCB	1	2 1	8270c	
1205	1 42-7-1	e7897d.d	1	1000.00 ml	1	12-JAN-2011 08:21	1	1.000	1	KCB	1	2 1	8270c	
1204	1 42-7-2	e7898.d	1	1000.00 ml	1	12-JAN-2011 08:38	1	1.000	1	KCB	1	3 1	8270c	
1204	1 42-7-2	e7898d.d	1	1000.00 ml	Ţ	12-JAN-2011 08:38	1	1.000	1	KCB	1	3 1	8270c	
1206	1 42-7-3	e7899.d	1	1000.00 ml	1	12-JAN-2011 08:54	1	1.000	1	KCB	1	4 1	8270c	
1206	1 42-7-3	e7899d.d	1	1000.00 ml	1	12-JAN-2011 08:54	1	1.000	1	KCB	1	4 1	8270c	
1207	1 42-7-4	e7900.d	. 1	1000.00 ml	1	12-JAN-2011 09:11	1	1.000	1	KCB	Ĭ.	5 1	8270c	
1207	1 42-7-4	e7900d.d	1	1000.00 ml	1	12-JAN-2011 09:11	1	1.000	1	KCB	1	5 1	8270c	
1208	1 42-7-5	e7901.d	1	1000.00 ml	1	12-JAN-2011 09:28	1	1.000	1	KCB	1	6 1	8270c	
1208	1 42-7-5	e7901d.d	1	1000.00 ml	1	12-JAN-2011 09:28	1	1.000	1	KCB	1	6 1	8270c	
1209	1 42-7-6	e7902.d	1	1000.00 ml	1	12-JAN-2011 09:45	1	1.000	1	KCB	ľ.	7 1	8270c	
1209	1 42-7-6	e7902d.d	1	1000.00 ml	1	12-JAN-2011 09:45	1	1.000	1	KCB	1:	7 1	8270c	
1203	1 42-7-7	e7903.d	1.	1000.00 ml	1	12-JAN-2011 10:02	1	1.000	1	KCB	1	8	8270c	
1203	1 42-7-7	e7903d.d	1	1000.00 ml	1	12-JAN-2011 10:02	1	1.000	1	ксв	1	8 1	8270c	
1202	1 42-7-8	e7904.d	1	1000.00 ml	1	12-JAN-2011 10:19	1	1.000	1	KCB	1	9 1	8270c	
1201	1 42-7-9	e7905.d	1	1000.00 ml	1	12-JAN-2011 10:37	1	1.000	1	KCB	1	10	8270c	
1600	1 42-7-10	1 e7906.d	1	1000.00 ml	1	12-JAN-2011 10:54	1	1.000	1	KCB	į.	11 (	SA8270	
1600	1 42-7-10	l e7907.d	1	1000.00 ml	1	12-JAN-2011 11:49	1	1.000	1	KCB	1	11	SA8270	
1600	1 42-7-10	e7907d.d	1	1000.00 ml	1	12-JAN-2011 11:49	1	1.000	1	KCB	£.	11	SA8270	
911074	BLK	e7908.d	1	30.10 g	1	12-JAN-2011 12:22	1	1.000	1	KCB	t	12	176115	
911075	LCS	e7909.d	i.	30.00 g	1	12-JAN-2011 12:39	1	1.000	1	KCB	Ü	13	176115	
911076	LCSD	e7910.d	1	30.00 g	1	12-JAN-2011 12:56	ì	1.000	1	KCB	Ė	14	176115	
21101080701	1 4744	e7911.d	1	30.00 g	1	12-JAN-2011 13:16	1	10.000	1	KCB	t.	15	176115	
21101080701	1 4744	i e7912.d	1	30.00 g	1	12-JAN-2011 13:39	1	2.000	1	KCB	ti-	37 1	176115	
911077	MS	e7913.d	1	30.20 g	1	12-JAN-2011 13:55	1	2.000	1	KCB	t	16	176115	
911078	MSD	e7914.d	1	30,10 g	1	12-JAN-2011 14:11	1	2.000	1	KCB	1	17	176115	
21101080702	1 4744	e7915.d	1	30.20 g	1	12-JAN-2011 14:28	1	1.000	1	KCB	Ü	18	176115	
21101080703	1 4744	e7916.d	1	30.10 g	1	12-JAN-2011 14:44	1	1.000	1	KCB	ij	19	176115	
21101080704	1 4744	e7917.d	1	30.20 g	1	12-JAN-2011 15:01	1	1.000	1	KCB	ľ	20	176115	
21101080705	1 4744	e7918.d	1	30.30 g	1	12-JAN-2011 15:18	1	1.000	1	KCB	L	21	176115	
911077	1 MS	e7919.d	1	30.20 g	1	12-JAN-2011 15:35	1	2.000	1	KCB	1	38	176115	
911077	1 MS	e7920.d	Y	30 20 a		12-JAN-2011 15:54	1	2.000	1	KCB	r	38 1	176115	

### LABORATORY CHRONICLE: MSSV DEPARTMENT

Date: 14-JAN-2011

Standard

Conc Lot No.

Instrument: MSSV4.i

DFTPP

ppm 50

Int. Standard 4000

Inst. Conditions:_____ MISC:

Sample ID	ClientName	- 1	DataFile	1	Wgt/Vol	1	Injection Time	1	Dil	1	Anal	1	ALS	Comments	
		1		1		1		1	*******	1		1	1		
1100	42-9-11		e7970c.d	1	0.00 ml	- 1	14-JAN-2011 14:		1.000			1	1	all	
1100	1 42-9-11	1	e7970.d	1	0.00 ml	1	14-JAN-2011 14:	09 1	1.000	1	KCB	1	1	all	
1100	1 42-9-11	1	e7970d.d	1	0.00 ml	1	14-JAN-2011 14:	09	1.000	1	KCB	1	1	all	
1400	1 42-7-1	1	e7971.d	1	1000.00 ml	1	14-JAN-2011 14:	26	1.000	1	KCB	1	2 1	SA8270	
1400	1 42-7-1	1	e7972.d	1	1000.00 ml	1	14-JAN-2011 14:	42 1	1.000	1	KCB	1	2 1	8270c	
1400	1 42-7-1	1	e7972d.d	1	1000.00 ml	- 1	14-JAN-2011 14:	42	1.000	1	KCB	1	2	8270c	
912529	BLK	1	e7973.d	1	1000.00 ml	1	14-JAN-2011 14:	59	1.000	1	KCB	1	3 1	SA8270	
912530	LCS	1	e7974.d	1	1000.00 ml	1	14-JAN-2011 15:	16	1.000	1	KCB	1	4 1	8270qc	
912531	LCSD	1	e7975.d	1	1000.00 ml	1	14-JAN-2011 15:	33	1.000	1	KCB	1	5 1	8270qc	
21101140514	4482	1	e7976.d	1	990.00 ml	1	14-JAN-2011 15:	49	1.000	1	KCB	1	6 1	SA8270	
912490	BLK	1	e7977.d	1	30.10 g	1	14-JAN-2011 16:	06	1.000	1	KCB	1	7 1	SA8270	
912491	LCS	1	e7978.d	1	30.20 g	1	14-JAN-2011 16:	23	1.000	1	KCB	1	8	8270qc	
912492	LCSD	1	e7979.d	1	30.30 g	1	14-JAN-2011 16:	39	1.000	1	KCB	1	9 1	8270qc	
21101140501	1 4482	t	e7980.d	1	30.10 g	1	14-JAN-2011 16:	56	1.000	1	KCB	1	10 (	SA8270	
21101140502	I MS	1	e7981.d	1	30.00 g	1	14-JAN-2011 17:	13	1.000	1	KCB	1	11	8270qc	
21101140503	MSD	1	e7982.d	1	30.00 g	1	14-JAN-2011 17:	29	1.000	1	KCB	1	12	8270qc	
21101140504	1 4482	1	e7983.d	1	30.00 g	1	14-JAN-2011 17:	46	1.000	1	KCB	1	13	SA8270	
21101140505	1 4482	1	e7984.d	1	30.20 g	1	14-JAN-2011 18:	03	1.000	1	KCB	1	14	SA8270	
21101140506	1 4482	- 1	e7985.d	1	30.00 g	1	14-JAN-2011 18:	19	1.000	1	KCB	1	15	SA8270	
21101140507	1 4482	1	e7986.d	1	30.10 g	1	14-JAN-2011 18:	36	1.000	1	KCB	1	16	SA8270	
21101140508	4482	1	e7987.d	1	30.00 g	1	14-JAN-2011 18:	53	1.000	1	KCB	1	17	SA8270	
21101140509	1 4482	1	e7988.d	1	30.40 g	1	14-JAN-2011 19:	09 1	1.000	1	KCB	I.	18	SA8270	
21101140510	1 4482	1	e7989.d	1	30.20 g	1	14-JAN-2011 19:	26	1.000	1	KCB	1:	19	SA8270	
21101140511	1 4482	1	e7990.d	1	30.10 g	1	14-JAN-2011 19:	43	1.000	1	KCB	1	20	SA8270	
21101140512	1 4482	1	e7991.d	1	30.00 g	1	14-JAN-2011 20:	00	1.000	1	KCB	ī	21	SA8270	
21101140513	1 4482	1	e7992.d	1	30.20 g	1	14-JAN-2011 20:	16	1.000	1	KCB	1	22	SA8270	
912532	BLK	1	e7993.d	1	30.10 g	1	14-JAN-2011 20:	33	1.000	1	KCB	1	24	176115	
912533	LCS	1	e7994.d	1	30.00 g	1	14-JAN-2011 20:	50	1.000	1	KCB	1	25	176115	
912534	LCSD	1	e7995.d	1	30.20 g	1	14-JAN-2011 21:	06	1.000	1	KCB	1	26	176115	
21101140612	1 4744	1	e7996.d	1	30.10 g	1	14-JAN-2011 21:	23	1.000	1	KCB	E	27 1	176115	
912733	I MS	1	e7997.d	Ĭ	30.00 g	i.	14-JAN-2011 21:	40 I	1.000	1	KCB	L	28	176115	
912734	MSD	1	e7998.d	1	30.00 g	1	14-JAN-2011 21:	57	1.000	1	KCB	1	29	176115	
21101140613	1 4744	1	e7999.d	1	30.30 g	1	14-JAN-2011 22:	14 1	1.000	1	KCB	ľ	30	176115	
21101140614	1 4744	1	e8000.d	1	30.20 g	1	14-JAN-2011 22:	30	1.000	1	KCB	ľ	31	176115	
21101140801	1 4692	1	e8001.d	1	30.10 g	1	14-JAN-2011 22:	47 1	5.000	1	KCB	ı	23	pah++lcs	
SOL BLK	I SOL BLK	SE	e8002.d	1	1000 00 ml		14-JAN-2011 23:	57 1	1.000	1	KCB	100	100 1	SA8270	

### LABORATORY CHRONICLE: MSSV DEPARTMENT

Date: 17-JAN-2011

Standard

Conc Lot No.

Instrument: MSSV4.i

DFTPP

ppm 50

Int. Standard 4000

Inst. Conditions:____ MISC:

Sample ID	ClientName	1	DataFile	1	Wgt/Vol		ŀ	Injection T	ime	1	Di1	1	Anal	1	ALS	1	Comments	
	T	1	~~~~	- 1			1			1		1		1		1		
1100	1 42-9-11	1	e8006,d	1	0.00	m1	1	17-JAN-2011	08:05	1	1.000	1	ксв	1	1	1	all	
1100	1 42-9-11	1	e8007c.d	1	0.00	ml	1	17-JAN-2011	08:22	1	1.000	1	KCB	1	1	1	all	
1100	1 42-9-11	T.	e8007.d	1	0.00	m1	Ü	17-JAN-2011	08:22	1	1.000	1	KCB	1	1	- 1	all	
1400	1 42-7-1	1	e8008.d	1	1000.00	ml	1	17-JAN-2011	08:38	1	1.000	1	KCB	1	2	1	8270c	
21101140504	1 4482	1	e8009.d	1	30.00	g	1	17-JAN-2011	08:56	1	10.000	1	KCB	1	3	1	SA8270	
SOL BLK	SOL BLK	1	e8010.d	1	1000.00	ml	ŀ	17-JAN-2011	09:13	1	1.000	ł	KCB	ı	100	1	SA8270	
1400	1 42-2-2	1	e8011.d	1	1000.00	m1	Į,	17-JAN-2011	14:03	1	1.000	1	KCB	1	4	1	APP9	
913174	BLK	1	e8012.d	- 1	30.00	g	1	17-JAN-2011	14:20	1	1.000	1	KCB	1	5	1	SA8270	
913175	LCS	1	e8013.d	1	30.00	g	ı	17-JAN-2011	14:37	1	1.000	1	KCB	t	6	1	1cs	
913173	LCSD	1	e8014.d	1	30.00	g	Ì,	17-JAN-2011	14:53	1	1.000	1	KCB	ì	7	-1	1cs	
21101143101	1 4260	1	e8015.d	1	17.10	g	l.	17-JAN-2011	15:10	1	5.000	1	KCB	1	8	1	SA8270	
21101143102	1 4260	1	e8016.d	1	30.00	g	1	17-JAN-2011	15:26	1	5.000	1	KCB	1	9	1	SA8270	
913174	BLK	1	e8017.d	1	30.00	g	1	17-JAN-2011	15:53	1	1.000	1	KCB	Ł	5	1	SA8270	
913175	1 LCS	1	e8018.d	1	30.00	g	1	17-JAN-2011	16:29	1	1.000	1	KCB	1	6	1	SA8270	
913173	LCSD	1	e8019.d	- 1	30.00	g	1	17-JAN-2011	16:45	1	1.000	1	KCB	1	7	1	lcs	
913175	LCS	1	e8020.d	1	30.00	g	t	17-JAN-2011	17:02	1	1.000	1	KCB	1	6	1	lcs	
913173	LCSD	1.	e8021.d	1	30.00	g	ı	17-JAN-2011	17:19	1	1.000	İ	KCB	1	7	1	lcs	
913175	1 LCS	1	e8022.d	1	30.00	g	1	17-JAN-2011	17:35	1	1.000	1	KCB	1	6	1	lcs	
SOL BLK	SOL BLK	1	e8023.d	1	1000.00	m1	1.	17-JAN-2011	17:52	1	1.000	1	KCB	1	100	1	SA8270	
SOL BLK	SOL BLK	1	e8024.d	1	1000.00	ml	1	17-JAN-2011	18:08	1	1.000	İ	KCB	1	100	1	SA8270	
SOL BLK	SOL BLK	1	e8025.d	1	1000.00	ml	E	17-JAN-2011	18:24	1	1.000	1	KCB	1	100	1	SA8270	

# GCAL ...

# CHAIN OF CUSTODY RECORD

GULF COAST ANALYTICAL LABORATORIES, INC 7979 GSRI Avenue, Baton Rouge, Louisiana 70820-7402 Phone 225.769.4900 • Fax 225.767.5717	Lab use only	(6U				Super Client #	211011		1-15-II Due Date
Report to:  Client: Partor, Behry + Wheeler  Address: 201 Dauble Creek D.  Ste 4004  Contact: Eric Pastar  Phone: 512-671-3434  Fax: 512-671-344 G.  P.O. Number  Project Name/Number  1597 B Gulfco AST R	Contact: Phone: Fax:	ECTURATION OF			Ana	lytical Requests & Me		Workorder #  Lab use only: Custody Seal used ☑ yes intact ☑ yes Temperature °C ∠	no no
Sampled By:  Tenning  Time C G G Sample Description		Preservatives	No Con-	NOC	SVOC				Lab II
5 1/3/n 1/00 X T-15-F	<u>'</u>		tainers	~	<b>~</b>			Remarks:	uchen i
		Nav	15	~	$\hat{x}$			Triplevol. For	
1/13/11/445 X T-21-F 1/13/11/455 X NC-0-63		mon	5	2	Ŷ				5
		Na	6	2	2				- 1
18/11/505 X T-2-West		New	3	X					7
1/13/1/555 X T-6-East	_	1	5	X	×				8
1 5 1 1 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	None	5	X	×				9
1/13/11/625 X T-6-South	h	Mr	5	X	3			1	10
1/8/n - X Blind Dup		None	5	x	$\hat{x}$			7	11
5 1/3/11/645 X SC-W	<u> </u>	Nav	~	X	X				4
- 11 1100 100		Non	5	0	x				
1/1 1211 8 5	V	Ach	\$5	X	X				15
V 1/3/1/715 Tr: polimit	who will	Has	3	X					1,
V 1/13/11/720 Trip Blus	12	HCL	3	X					n
1/13/	days 1 week	Standa	-		Other				
Relinquished by: (Signature)  Received by  Received by:  Received by:  Received by:  Received by:	(Signature) Da	te:	ime: \$00 ime: f15 ime:	Note:	e:	these samples, you agre	e to the term t schedule of	s and services.	

## PRESERVATION CHECKLIST / COOLER RECEIPT

### Gulf Coast Analytical Laboratories, Inc.

WO: 211011405

Type: D

Desc:

Report: REVIEW_RPT

Work ID: GULFCO

Status: WP

Project Seq: 113065

Created: 1/14/2011 8:59

Client: 4482 - Pastor, Behling, & Wheeler

QA:

Profile: 201917 - GULFCO-III - GULFCO

PO: 1352

THIODYLORDER	~ m.	-
WORKORDER	SAMPL	ES

	pH PRESERVATIVE		VATIVE	VOA HEADSPACE					
Container ID	Type	Preservative	Α	U	N\A	Α	U	N\A	CONTAINER CONDITION
21101140501-1	oc	NONE			X	_		×	ОК
21101140501-2	oc	NONE			×			×	OK
21101140501-3	oc	NONE			X			X	OK
21101140501-4	OC	NONE			X			X	ОК
21101140501-5	8	NONE			×			X	ок
Container ID	Type	Preservative	Α	U	N\A	Α	U	N\A	CONTAINER CONDITION
21101140502-1	oc	NONE			X			X	ОК
21101140502-2	oc	NONE			X			×	OK
21101140502-3	OC	NONE			X			X	ОК
21101140502-4	OC	NONE			X			×	ОК
21101140502-5	8	NONE			×			X	ОК
Container ID	Type	Preservative	Α	U	N\A	Α	U	N\A	CONTAINER CONDITION
21101140503-1	OC	NONE			X			X	OK
21101140503-2	oc	NONE			X			×	ОК
21101140503-3	OC	NONE			X			×	ОК
21101140503-4	OC	NONE			X			×	ОК
21101140503-5	8	NONE			×			X	ОК
Container ID	Type	Preservative	Α	U	N\A	Α	U	N\A	CONTAINER CONDITION
21101140504-1	ос	NONE			X			×	ОК
21101140504-2	oc	NONE			X			×	OK
21101140504-3	ос	NONE			X			×	OK
21101140504-4	oc	NONE			×			×	ОК
21101140504-5	8	NONE			×			×	ок

			pH PRESERVATIVE		VOA H	EADS	PACE	
Container ID	Туре	Preservative	Α	U	N\A	Α	U	N/A CONTAINER CONDITION
21101140505-1	oc	NONE			X			х ок
21101140505-2	oc	NONE			×			х ок
21101140505-3	oc	NONE			×			х ок
21101140505-4	OC	NONE			×			х ок
21101140505-5	8	NONE			X			х ок
Container ID	Туре	Preservative	Α	U	N\A	Α	U	N/A CONTAINER CONDITION
21101140506-1	oc	NONE			X			x OK
21101140506-2	oc	NONE			X			х ок
21101140506-3	oc	NONE			×			x OK
21101140506-4	oc	NONE			×			x OK
21101140506-5	8	NONE			X			х ок
Container ID	Туре	Preservative	Α	U	N\A	Α	U	N/A CONTAINER CONDITION
21101140507-1	ОС	NONE			X			X OK
21101140507-2	oc	NONE			X			x OK
21101140507-3	oc	NONE			X			X OK
21101140507-4	ОС	NONE			×			x OK
21101140507-5	8	NONE			X			х ок
Container ID	Туре	Preservative	Α	U	N\A	Α	U	N/A CONTAINER CONDITION
21101140508-1	oc	NONE			X			x OK
21101140508-2	OC	NONE			×			X OK
21101140508-3	OC	NONE			×			x OK
21101140508-4	OC	NONE			X			х ок
21101140508-5	8	NONE			X			х ок
Container ID	Туре	Preservative	Α	U	N\A	Α	U	N/A CONTAINER CONDITION
21101140509-1	OC	NONE			X			x OK
21101140509-2	OC	NONE			X			X OK
21101140509-3	OC	NONE			×			x OK
21101140509-4	OC	NONE			×			x OK
21101140509-5	8	NONE			X			X OK
Container ID	Туре	Preservative	Α	U	N\A	Α	U	N/A CONTAINER CONDITION
21101140510-1	OC	NONE			X			X OK
21101140510-2	OC	NONE			X			X OK
21101140510-3	oc	NONE			X			X OK
21101140510-4	oc	NONE			X			X OK
21101140510-5	8	NONE			X			х ок

Friday, January 14, 2011 SMDW0002N Page 2 of 4

			pH PF	pH PRESERVATIVE		VOA HEADSPACE			
Container ID	Туре	Preservative	Α	U	N\A	Α	U	N\A	CONTAINER CONDITION
21101140511-1	ос	NONE			X			X	ОК
21101140511-2	ОС	NONE			X			X	ок
21101140511-3	ос	NONE			X			X	OK
21101140511-4	oc	NONE			X			X	OK
21101140511-5	8	NONE			X			X	OK
Container ID	Type	Preservative	Α	U	N\A	Α	U	N\A	CONTAINER CONDITION
21101140512-1	ос	NONE			X			×	ок
21101140512-2	ОС	NONE			X			×	OK
21101140512-3	oc	NONE			X			×	ОК
21101140512-4	oc	NONE			X			X	OK
21101140512-5	8	NONE			X			X	ОК
Container ID	Type	Preservative	Α	U	N\A	Α	U	N\A	CONTAINER CONDITION
21101140513-1	ос	NONE			X			X	OK
21101140513-2	ос	NONE			X			X	OK
21101140513-3	oc	NONE			X			×	OK
21101140513-4	ос	NONE			×			X	OK
21101140513-5	8	NONE			×			Х	ОК
Container ID	Type	Preservative	Α	U	N\A	Α	U	N\A	CONTAINER CONDITION
21101140514-1	LA	NONE			X			×	OK
21101140514-2	LA	NONE			×			X	OK
21101140514-3	40	HCL			-	7			OK
21101140514-4	40	HCL			7	3			ок
21101140514-5	40	HCL			V				ОК
Container ID	Type	Preservative	Α	U	N\A	Α	U	N\A	CONTAINER CONDITION
21101140515-1	40	HCL			1	3			OK
21101140515-2	40	HCL			7	2			OK
21101140515-3	40	HCL			V				ОК
Container ID	Type	Preservative	Α	U	N\A	Α	U	N\A	CONTAINER CONDITION
21101140516-1	40	HCL			-	7			OK
21101140516-2	40	HCL			7	9			ОК
21101140516-3	40	HCL			/	,			ОК

pH PRESERVATIVE

VOA HEADSPACE

A = ACCEPTABLE U = UNACCEPTABLE N/A = NOT APPLICABLE MAXIMUM VOLATILE HEADSPACE BUBBLE 6MM

COOLER (S) TEMPERATURE

LIMIT = 4C + \ - 2C

**Custody Seal** 

used []Yes [] No

in tact [ ] Yes

[]No

LABEL(S) VERIFIED_

CUSTODIAN N

# **ANALYTICAL RESULTS**

**PERFORMED BY** 

### **GULF COAST ANALYTICAL LABORATORIES, INC.**

7979 GSRI Avenue Baton Rouge, LA 70820

**Report Date** 01/20/2011

**GCAL Report** 211011920



Deliver To Pastor, Behling, Wheeler 2201 Double Creek Drive Round Rock, TX 78664 512-671-3434

Attn Eric Pastor

Project GULFCO

### CASE NARRATIVE

Client: Pastor, Behling, Wheeler Report: 211011920

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

No anomalies were found for the analyzed sample(s).

### **Laboratory Endorsement**

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

#### **Common Abbreviations Utilized in this Report**

ND Indicates the result was Not Detected at the specified RDL Indicates the result was Diluted Out Indicates the result was subject to Matrix Interference Indicates the result was Too Numerous To Count SUBC Indicates the analysis was Sub-Contracted Indicates the analysis was performed in the Field PQL Practical Quantitation Limit

MDL Method Detection Limit
RDL Reporting Detection Limit

00:00 Reported as a time equivalent to 12:00 AM

#### Reporting Flags Utilized in this Report

- J Indicates an estimated value
- U Indicates the compound was analyzed for but not detected
- B (ORGANICS) Indicates the analyte was detected in the associated Method Blank
- **B** (INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the NELAC standard and terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

Estimated uncertainty of measurement is available upon request. This report is in compliance with the DOD QSM as specified in the contract if applicable.

Robyn Migues Technical Director <b>GCAL REPORT</b> 211011920	
THIS REPORT CONTAINS	PAGES.

## Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21101192001	N. CONTAINMENT-2	Water	01/18/2011 13:35	01/19/2011 10:30
21101192002	TRIP BLANK	Water	01/18/2011 13:45	01/19/2011 10:30

## **Summary of Compounds Detected**

There were no detects		

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21101192001	N. CONTAINMENT-2	Water	01/18/2011 13:35	01/19/2011 10:30

#### SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	•	lytical Batch
			1	01/19/2011 12:27	RJU 449:	216
CAS#	Parameter		Result	RDL	MI	DL Units
107-06-2	1,2-Dichloroethane		5U	5	0.0	)86 ug/L
71-43-2	Benzene		5U	5	0.0	)54 ug/L
67-66-3	Chloroform		5U	5	0.0	)57 ug/L
127-18-4	Tetrachloroethene		5U	5	0.1	21 ug/L
79-01-6	Trichloroethene		5U	5	0.0	062 ug/L
75-01-4	Vinyl chloride		5U	5	0.0	93 ug/L
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	50	46.4	ug/L	93	78 - 130
1868-53-7	Dibromofluoromethane	50	50.3	ug/L	101	77 - 127
2037-26-5	Toluene d8	50	48.9	ug/L	98	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	47.5	ug/L	95	71 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21101192002	TRIP BLANK	Water	01/18/2011 13:45	01/19/2011 10:30

#### SW-846 8260B

Prep Date	Prep Batch	Prep Method	Dilution 1	<b>Analyzed</b> 01/19/2011 11:19	<b>By</b> RJU	Analytical B 449216	atch
CAS#	Parameter		Result	RDL		MDL	Units
107-06-2	1,2-Dichloroethane		5U	5		0.086	ug/L
71-43-2	Benzene		5U	5		0.054	ug/L
67-66-3	Chloroform		5U	5		0.057	ug/L
127-18-4	Tetrachloroethene		5U	5		0.121	ug/L
79-01-6	Trichloroethene		5U	5		0.062	ug/L
75-01-4	Vinyl chloride		5U	5		0.093	ug/L
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Reco	overy	Rec Limits
460-00-4	4-Bromofluorobenzene	50	46.9	ug/L		94	78 - 130
1868-53-7	Dibromofluoromethane	50	50.4	ug/L		101	77 - 127
2037-26-5	Toluene d8	50	49.3	ug/L		99	76 - 134
17060-07-0	1,2-Dichloroethane-d4	50	48.6	ug/L		97	71 - 127

## GC/MS Volatiles Quality Control Summary

Analytical Batch 449216 Client ID		MB449216			LCS449216			LCSD449216					
Prep Ba	tch N/A	GCAL ID	913959			913960			913961				
		Sample Type	Method Blank			LCS			LCSD				
		<b>Analytical Date</b>	01/19/2011 10:45			01/19/2011 07:36			01/19/2011 08:16				
		Matrix	Water			Water			Water				
	SW-846 826	enp	Units	ug/L	Spike	Desuit		Control	Decult			RPD	
	67-66-3 Chloroform		Result	RDL	Added	Result	% R	Limits % R	Result	% R	RPD	Limit	
67-66-3	Chloroform		5U	5	50.0	46.9	94	75 - 122	44.1	88	6	30	
107-06-2	1,2-Dichloroeth	ane	5U	5	50.0	44.4	89	71 - 129	42.7	85	4	30	
127-18-4	127-18-4 Tetrachloroethene		5U	5	50.0	45.0	90	68 - 128	43.8	88	3	30	
75-01-4	Vinyl chloride		5U	5	50.0	45.6	91	68 - 132	42.9	86	6	30	
75-35-4	1,1-Dichloroeth	ene	5U	5	50.0	46.5	93	69 - 129	44.2	88	5	20	
71-43-2	Benzene		5U	5	50.0	45.5	91	70 - 129	44.1	88	3	20	
79-01-6	Trichloroethene	)	5U	5	50.0	44.8	90	76 - 129	43.2	86	4	20	
108-88-3	Toluene		5U	5	50.0	46.4	93	72 - 120	45.2	90	3	20	
108-90-7	Chlorobenzene		5U	5	50.0	46.1	92	74 - 123	44.9	90	3	20	
Surrogate													
460-00-4	4-Bromofluorob	enzene	46.3	93	50	49.8	100	78 - 130	49.2	98			
1868-53-7	-53-7 Dibromofluoromethane		49.5	99	50	50.6	101	77 - 127	50.3	101			
2037-26-5	Toluene d8		49	98	50	47.3	95	76 - 134	47.8	96			
17060-07-0	1,2-Dichloroeth	ane-d4	48	96	50	48.5	97	71 - 127	48.7	97			

Analytical Batch	449216	Client ID	B169-ZONE 4-01121	1-WC		912500MS			912500MSD				
Prep Batch	N/A	GCAL ID	21101140606			913981			913982				
		Sample Type	SAMPLE			MS			MSD				
		Analytical Date	01/19/2011 11:42			01/19/2011 13:14			01/19/2011 13:36				
		Matrix	Solid			Solid			Solid				
SW-846 8260B		Units	ug/L	Spike	Result		Control	Result			RPD		
		000	Result	RDL	Added	Result	% R	Limits % R	Result	% R	RPD	Limit	
67-66-3	67-66-3 Chloroform		0.00	200	2000	2080	104	74 - 124	1960	98	6	30	
107-06-2 1,2-Dichloroethane		ane	0.00	200	2000	1890	95	68 - 126	1900	95	0.5	30	
127-18-4	Tetrachloroethe	ene	0.00	200	2000	1930	97	70 - 127	1900	95	2	30	
75-01-4	Vinyl chloride		0.00	200	2000	1900	95	67 - 131	1830	92	4	30	
75-35-4	1,1-Dichloroeth	ene	0.00	200	2000	1980	99	68 - 129	1980	99	0	22	
71-43-2	Benzene		0.00	200	2000	2010	101	73 - 128	1990	100	1	21	
79-01-6	Trichloroethene	)	0.00	200	2000	1920	96	78 - 127	1850	93	4	24	
108-90-7 Chlorobenzene			0.00	200	2000	2020	101	75 - 121	2000	100	1	21	
Surrogate													
460-00-4	4-Bromofluorob	enzene			2000	1980	99	62 - 127	1980	99			

## GC/MS Volatiles Quality Control Summary

Analytical Batch 4	449216	Client ID	<b>CAL ID</b> 21101140606 <b>E Type</b> SAMPLE			912500MS			912500MSD			
Prep Batch N	N/A	GCAL ID	21101140606 SAMPLE 01/19/2011 11:42			913981			913982			
	Ch N/A GCAL ID Sample Type Analytical Date Matrix Solid SW-846 8260B 21101140606  SAMPLE 01/19/2011 11:42 Solid Units ug/L					MS			MSD			
		<b>Analytical Date</b>	01/19/2011 11:42			01/19/2011 13:14			01/19/2011 13:36			
		Matrix	Solid			Solid			Solid			
SW	V_8/6 826	nR	Units	ug/L	Spike	Result Control			Result			RPD
344	SW-846 8260B			RDL	Added	Result	% R	Limits % R	Result	% R	RPD	Limit
					riadoa		/U IX			,		
1868-53-7 Di	ibromofluoron	nethane	1100011		2000	2010	101	65 - 130	1990	100		
		nethane	- NOOUN			2010 1890			1990 1910			

		A T	
U		1L	<i>,</i>
CHE COAST	AMAINTICAL LAD	ODATORIES IA	

•	_ (		7			TAIN UP	90910F	77 117	LEC	UKL	•							
	GSRI Ave Phone				Louisiana 70820-7402	PBW Client Name	***************************************					<i>ୱ</i> ୟ Clier				1920 orkorder #	<b>j-21</b> -	e Date
Conta Phor Fr	5   6 ct: <u>E</u> ne: <i>SI</i> ax: <i>SI</i>	stor 01 D 0.40	Bel 04 04 21	, R sto - 34 340	Creek Dr Address: San	to:		Benzeme	Cher fam	othene	mylene	etrach broothy pare Bal	Chroside	& Method		Lab use only: Custody Seal used ☐ yes intact ☐ yes Temperature °C	□ no □ no <b>1. j</b>	Lab ID
Matrix ¹	Date	Time (2400)	C m p	G r a b	Sample Description	Preservati	ives No Con- tainers	100	5	1,2	P	10	3			Remarks:		1
W	1/18/11	1335		X	N. Containment 2 Trip Blank	HCL	2.000	X	X	χ	X	X	X					1
W	n	1345		×	TripBlank	HCL	. 3	X	X	×	x	x ?	7					٤
				,														
Turn	Around	Time:	5	24-	48 hrs.	Sta	ndard		Othe	er				3 1 1				
Reling	uished by	y: (Signa y: (Signa y: (Signa	nture)		Received by: (Signature) Fay Ex 8727: 9413: 7560	Date:   18/1   Date:  -18/1   Date: ROM	Time: /530 Time: /030 Time:	Not	te:	itting	these	samp	les, you	u agree to the	terms a	and ervices.		



### SAMPLE RECEIVING CHECKLIST

Workorder: 211011920	Client: Pastor, Behling, & Wheeler					
Received by: Raborn, Michelle	Received Date/Time: 1/19/2011 10:30:00 AM					
Samples Received via: <u>FEDEX</u>	Number of Coo	lers Received:	1			
Cooler tracking numbers(s): 8722 9413 7560						
Cooler temperature(s): 4.1			<u></u>			
Were all coolers received at a temperature of 0 - 6° C?	Wes	□ No	□ N/A			
Were all custody seals intact?	Wes	No	N/A			
Were all samples recevied in proper containers?	Wes	┌ No	√ N/A			
Were all samples properly preserved?	Yes	□No	□ N/A			
Was preservative added to any container at the lab?	Yes	No	T N/A			
Were all containers received in good condition?	Ves	No	N/A			
Were all VOA vials received with no head space?	Yes	No	□ N/A			
Do all sample labels match the Chain of Custody?	Ves	ſ No	-N/A			
Was the client notified about any discrepancies?	Yes	No	™ N/A			
Notes/Comments:						
			, š			

### **ANALYTICAL RESULTS**

**PERFORMED BY** 

#### **GULF COAST ANALYTICAL LABORATORIES, INC.**

7979 GSRI Avenue Baton Rouge, LA 70820

**Report Date** 12/20/2010

**GCAL Report** 210121016

**Deliver To** Columbia Environmental Services, Inc. 13222 Reeveston Road Houston, TX 77039 713-400-5651

Attn Tony Maag

Project Gulfco Freeport, TX

#### **CASE NARRATIVE**

Client: Columbia Environmental Services, Inc. Report: 210121016

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

#### **VOLATILES MASS SPECTROMETRY**

In the SW-846 1311/8260B analysis, a dilution factor of 40 was performed for sample 21012101601 (SOILS IN BERM AREA). The reporting limits are at or below the regulatory limits at this dilution.

In the SW-846 1311/8260B analysis for analytical batch 447304, the MS/MSD exhibited recovery failures. All LCS/LCSD recoveries are acceptable.

#### SEMI-VOLATILES GAS CHROMATOGRAPHY

In the TX1005 analysis for prep batch 447363, the MS/MSD recoveries and RPD are not applicable due to the high concentration of TPH in the spiked sample. The LCS/LCSD recoveries are acceptable.

#### **METALS**

In the SW-846 1311/6010B analysis, sample 21012101601 (SOILS IN BERM AREA) was analyzed at a dilution. The reporting limits are at or below the regulatory limits at this dilution.

In the SW-846 1311/6010B analysis for prep batch 447424, the Sample/Duplicate RPD for Cadmium, Chromium, Lead, Selenium and Silver is not applicable because the sample and/or duplicate concentration is less than five times the reporting limit.

### **Laboratory Endorsement**

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

#### **Common Abbreviations Utilized in this Report**

ND Indicates the result was Not Detected at the specified RDL Indicates the result was Diluted Out Indicates the result was subject to Matrix Interference Indicates the result was Too Numerous To Count SUBC Indicates the analysis was Sub-Contracted Indicates the analysis was performed in the Field PQL Practical Quantitation Limit

PQL Practical Quantitation Limit
MDL Method Detection Limit
RDL Reporting Detection Limit

00:00 Reported as a time equivalent to 12:00 AM

#### Reporting Flags Utilized in this Report

- J Indicates an estimated value
- U Indicates the compound was analyzed for but not detected
- B (ORGANICS) Indicates the analyte was detected in the associated Method Blank
- **B** (INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the NELAC standard and terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

Estimated uncertainty of measurement is available upon request. This report is in compliance with the DOD QSM as specified in the contract if applicable.

Robyn Migues Technical Director GCAL REPORT 210121016	
THIS REPORT CONTAINS	PAGES.

## Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21012101601	SOILS IN BERM AREA	Solid	12/08/2010 15:00	12/10/2010 08:40
21012101602	PCB TRANSFORMER WASH WATER	Water	12/08/2010 15:00	12/10/2010 08:40

## Summary of Compounds Detected

<b>GCAL ID</b> 21012101601	Client ID SOILS IN BERM AREA	<b>Matrix</b> Solid	Collect Date/Time 12/08/2010 15:00	Receive Date/Time 12/10/2010 08:40							
SW-846 6010B TCLP											
CAS#	Parameter		Result	RDL	MDL	Units					
7440-39-3	Barium		1.10B	5.00	0.00055	mg/L					
7440-43-9	Cadmium		0.0028B	0.050	0.00055	mg/L					
7440-02-0	Nickel		0.0076B	0.20	0.0048	mg/L					
TX1005 Hydi	rocarbons by Range										
CAS#	Parameter		Result	RDL	MDL	Units					
GCSV-05-02	>C12-C28		384000	50000	4350	ug/Kg					
GCSV-05-03	>C28-C35		416000	50000	4350	ug/Kg					
GCSV-05-01	C6-C12		24600J	50000	4450	ug/Kg					
GCSV-05-04	Total TPH (C6-C35)		825000	50000	4350	ug/Kg					

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21012101601	SOILS IN BERM AREA	Solid	12/08/2010 15:00	12/10/2010 08:40

### SW-846 8260B TCLP

Prep Date	Prep Batch	Prep Method	<b>Dilution</b> 40	<b>Analyzed</b> 12/12/2010 16:31	-	nalytical Batch 47304	
CAS#	Parameter		Result	RDL	•	MDL	Units
75-35-4	1,1-Dichloroethene		0.200U	0.200	0.0	00656	mg/L
107-06-2	1,2-Dichloroethane		0.200U	0.200	0.0	00344	mg/L
78-93-3	2-Butanone		0.200U	0.200	0.0	00373	mg/L
71-43-2	Benzene		0.200U	0.200	0.0	00217	mg/L
56-23-5	Carbon tetrachloride		0.200U	0.200	0.0	00592	mg/L
108-90-7	Chlorobenzene		0.200U	0.200	0.0	00110	mg/L
67-66-3	Chloroform		0.200U	0.200	0.0	00226	mg/L
127-18-4	Tetrachloroethene		0.200U	0.200	0.0	00484	mg/L
79-01-6	Trichloroethene		0.200U	0.200	0.0	00247	mg/L
75-01-4	Vinyl chloride		0.200U	0.200	0.0	00372	mg/L
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recove	ry Rec	Limits
460-00-4	4-Bromofluorobenzene	2000	2080	ug/L	1	04 62	2 - 130
1868-53-7	Dibromofluoromethane	2000	2050	ug/L	1	03 65	5 - 127
2037-26-5	Toluene d8	2000	2080	ug/L	1	04 7	1 - 134
17060-07-0	1,2-Dichloroethane-d4	2000	2110	ug/L	1	06 62	2 - 127

#### SW-846 8270C TCLP

Prep Date 12/14/2010 08:5	<b>Prep Batch</b> 3 447409	Prep Method 3510C	Dilution 1	<b>Analyzed</b> 12/14/2010 19:31	By Anal JEW 4474	<b>ytical Batch</b> 29
CAS#	Parameter		Result	RDL	MC	L Units
106-46-7	1,4-Dichlorobenzene		0.0500U	0.0500	0.00	06 mg/L
95-95-4	2,4,5-Trichlorophenol		0.0500U	0.0500	0.00	06 mg/L
88-06-2	2,4,6-Trichlorophenol		0.0500U	0.0500	0.00	08 mg/L
121-14-2	2,4-Dinitrotoluene		0.0500U	0.0500	0.00	12 mg/L
1319-77-3	Cresols		0.1000U	0.1000	0.00	24 mg/L
118-74-1	Hexachlorobenzene		0.0500U	0.0500	0.00	13 mg/L
87-68-3	Hexachlorobutadiene		0.0500U	0.0500	0.00	11 mg/L
67-72-1	Hexachloroethane		0.0500U	0.0500	0.00	55 mg/L
98-95-3	Nitrobenzene		0.0500U	0.0500	0.00	11 mg/L
87-86-5	Pentachlorophenol		0.2500U	0.2500	0.00	76 mg/L
110-86-1	Pyridine		0.0500U	0.0500	0.00	77 mg/L
1319-77-3MP	m,p-Cresol		0.0500U	0.0500	0.00	17 mg/L
95-48-7	o-Cresol		0.0500U	0.0500	0.00	09 mg/L
CAS# S	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0 N	litrobenzene-d5	250	212	ug/L	85	48 - 123
321-60-8 2	?-Fluorobiphenyl	250	213	ug/L	85	16 - 128
1718-51-0 T	erphenyl-d14	250	189	ug/L	76	38 - 167
4165-62-2 F	Phenol-d5	500	183	ug/L	37	10 - 123
367-12-4 2	-Fluorophenol	500	271	ug/L	54	10 - 120
118-79-6 2	2,4,6-Tribromophenol	500	370	ug/L	74	44 - 121

GCAL ID 21012101601	Client ID SOILS IN BERM AREA	<b>Matrix</b> Solid	Collect Date/ 12/08/2010 1			ve Date/Time 2010 08:40	
TX1005 Hyd	lrocarbons by Rang	e					
Prep Date 12/14/2010 1	Prep Batch	Prep Method TNRCC 1005	Dilution 1	<b>Analyzed</b> 12/16/2010 18:18	By SMH	Analytical Batch 447615	
CAS#	Parameter		Result	RDL		MDL	Units
GCSV-05-02	>C12-C28		384000	50000		4350	ug/Kg
GCSV-05-02			416000	50000		4350	ug/Kg
GCSV-05-01			24600J	50000		4450	ug/Kg
GCSV-05-04			825000	50000		4350	ug/Kg
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Re	ecovery Rec	Limits
84-15-1	o-Terphenyl	50000	44500	ug/Kg		89 58	8 - 148
SW <u>-846 601</u>	IOB TCLP						
Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	Ву	Analytical Batch	
12/14/2010 1	0:35 447424	SW-846 3010A	5	12/15/2010 18:09	AJW	447501	
CAS#	Parameter		Result	RDL		MDL	Units
7440-36-0	Antimony		0.30U	0.30		0.020	mg/L
7440-38-2	Arsenic		1.00U	1.00		0.013	mg/L
7440-39-3	Barium		1.10B	5.00		0.00055	mg/L
7440-43-9	Cadmium		0.0028B	0.050		0.00055	mg/L
7440-47-3	Chromium		0.25U	0.25		0.0017	mg/L
7440-50-8	Copper		0.10U	0.10		0.0069	mg/L
7439-92-1	Lead		0.50U	0.50		0.0070	mg/L
7440-02-0	Nickel		0.0076B	0.20		0.0048	mg/L
7782-49-2	Selenium		0.50U	0.50		0.022	mg/L
7440-22-4	Silver		0.25U	0.25		0.0030	mg/L
SW-846 747	'0A TCLP						
Prep Date 12/14/2010 1	<b>Prep Batch</b> 0:35 447425	Prep Method SW-846 7470A	Dilution 1	<b>Analyzed</b> 12/15/2010 15:04	<b>By</b> AJW	Analytical Batch 447395	
CAS#	Parameter		Result	RDL		MDL	Units
7439-97-6	Mercury		0.0020U	0.0020		0.000081	mg/L
SW-846 901	2A Reactivity CN						
Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	Ву	Analytical Batch	
12/10/2010 1	4:00 447140	7.3.3.2	1	12/10/2010 16:35	AEL	447274	
CAS#	Parameter	·	Result	RDL		MDL	Units

250U

250

250

mg/kg

57-12-5R

Reactivity Cyanide

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21012101601	SOILS IN BERM AREA	Solid	12/08/2010 15:00	12/10/2010 08:40

#### SW-846 9034 Reactivity Sulfide

Prep Date 12/10/2010 14:0	<b>Prep Batch</b> 00 447141	Prep Method Sec 7.3.4.2	Dilution 1	Analyzed 12/13/2010 11:25	<b>By</b> JEM	Analytical Batch 447342	
CAS#	Parameter		Result	RDL		MDL	Units
18496-25-8R	Reactivity Sulfide		80U	80		80	mg/kg

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21012101602	PCB TRANSFORMER WASH WATER	Water	12/08/2010 15:00	12/10/2010 08:40

#### SW-846 8082A

Prep Date 12/15/2010 1	<b>Prep Batch</b> 0:55 447353	Prep Method 3510C	Dilution 1	<b>Analyzed</b> 12/15/2010 21:00	By Analytic TLS 447536	al Batch
CAS#	Parameter		Result	RDL	MDL	Units
12674-11-2	Aroclor-1016		1.28U	1.28	0.431	ug/L
11104-28-2	Aroclor-1221		1.28U	1.28	0.285	ug/L
11141-16-5	Aroclor-1232		1.28U	1.28	0.129	ug/L
53469-21-9	Aroclor-1242		1.28U	1.28	0.217	ug/L
12672-29-6	Aroclor-1248		1.28U	1.28	0.131	ug/L
11097-69-1	Aroclor-1254		1.28U	1.28	0.110	ug/L
11096-82-5	Aroclor-1260		1.28U	1.28	0.338	ug/L
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
2051-24-3	Decachlorobiphenyl	.641	.194	ug/L	30	30 - 139

## GC/MS Volatiles Quality Control Summary

Analytical Bato	<b>h</b> 447304	Client ID	MB447304			LCS447304			LCSD447304			
Prep Bato	h N/A	GCAL ID	904859			904860			904861			
		Sample Type	Method Blank			LCS			LCSD			
		Analytical Date	12/12/2010 15:21			12/12/2010 14:10			12/12/2010 14:37			
		Matrix	Water			Water			Water			
SW	-846 8260B	TCLD	Units	mg/L	Spike	Decult		Control	Decult			RPD
344	-040 0Z00D	ICLP	Result	RDL	Added	Result	% R	Limits % R	Result	% R	RPD	Limit
56-23-5	Carbon tetrach	loride	0.00500U	0.00500	0.050	0.057	114	76 - 128	0.056	111	2	30
67-66-3	Chloroform		0.00500U	0.00500	0.050	0.053	106	75 - 122	0.052	103	2	30
107-06-2	1,2-Dichloroeth	ane	0.00500U	0.00500	0.050	0.050	100	71 - 129	0.050	101	0	30
78-93-3	2-Butanone		0.00500U	0.00500	0.050	0.039	79	58 - 137	0.046	91	16	30
127-18-4	Tetrachloroethe	ene	0.00500U	0.00500	0.050	0.051	101	68 - 128	0.049	97	4	30
75-01-4	Vinyl chloride		0.00500U	0.00500	0.050	0.047	94	68 - 132	0.044	88	7	30
75-35-4	1,1-Dichloroeth	ene	0.00500U	0.00500	0.050	0.052	105	69 - 129	0.050	99	4	20
71-43-2	Benzene		0.00500U	0.00500	0.050	0.050	100	70 - 129	0.048	96	4	20
79-01-6	Trichloroethene	9	0.00500U	0.00500	0.050	0.055	109	76 - 129	0.050	101	10	20
108-90-7	Chlorobenzene	:	0.00500U	0.00500	0.050	0.048	97	74 - 123	0.048	96	0	20
Surrogate												
460-00-4	4-Bromofluorob	enzene	50.5	101	50	51.5	103	62 - 130	51.7	103		
1868-53-7	Dibromofluoron	nethane	52.2	104	50	54.5	109	65 - 127	53.1	106		
2037-26-5	Toluene d8		52.1	104	50	48.1	96	71 - 134	48.2	96		
17060-07-0	1,2-Dichloroeth	ane-d4	52.8	106	50	53	106	62 - 127	51.9	104		

Analytical Ba	tch 447304	Client ID	SOILS IN BERM AR	EA		904485MS			904485MSD			
Prep Ba	tch N/A	GCAL ID	21012101601			904862			904863			
		Sample Type	SAMPLE			MS			MSD			
		Analytical Date	12/12/2010 16:31			12/12/2010 17:59			12/12/2010 18:21			
		Matrix	Solid			Solid			Solid			
SV	SW-846 8260B TCLP		Units	mg/L	Spike	Result		Control	Result			RPD
34	V-040 0200D	ICLF	Result	RDL	Added	Result	% R	Limits % R	Result	% R	RPD	Limit
56-23-5	Carbon tetrach	loride	0.00	0.200	2.00	2.26	113	76 - 128	2.15	108	5	30
67-66-3	Chloroform		0.00	0.200	2.00	2.17	109	75 - 122	2.05	103	6	30
107-06-2	1,2-Dichloroeth	ane	0.00	0.200	2.00	2.01	101	71 - 129	1.97	99	2	30
78-93-3	2-Butanone		0.00	0.200	2.00	1.60	80	58 - 137	1.64	82	2	30
127-18-4	Tetrachloroethe	ene	0.00	0.200	2.00	2.05	103	68 - 128	1.91	96	7	30
75-01-4	Vinyl chloride		0.00	0.200	2.00	0.501	25*	68 - 132	0.494	25*	1	30
75-35-4	1,1-Dichloroeth	ene	0.00	0.200	2.00	1.68	84	69 - 129	1.56	78	7	30
71-43-2	Benzene		0.00	0.200	2.00	1.99	100	70 - 129	1.89	95	5	30
79-01-6	Trichloroethene	•	0.00	0.200	2.00	2.12	106	76 - 129	2.03	102	4	30

## GC/MS Volatiles Quality Control Summary

Analytical Bato	<b>h</b> 447304	Client ID	SOILS IN BERM AR	EA		904485MS			904485MSD			
Prep Bato	h N/A	GCAL ID	21012101601			904862			904863			
		Sample Type	SAMPLE			MS			MSD			
		<b>Analytical Date</b>	12/12/2010 16:31			12/12/2010 17:59			12/12/2010 18:21			
		Matrix	Solid			Solid			Solid			
SW	-846 8260B	TCLD	Units	mg/L	Spike	Result		Control	Result			RPD
344	-040 0Z00D	ICLP	Result	RDL	Added	Result	% R	Limits % R	Result	% R	RPD	Limit
108-90-7	Chlorobenzene		0.00	0.200	2.00	1.97	99	74 - 123	1.90	95	4	30
Surrogate												
460-00-4	4-Bromofluorob	enzene	2080	104	2000	2070	104	62 - 130	2060	103		
1868-53-7	Dibromofluoron	nethane	2050	103	2000	2100	105	65 - 127	2050	103		
2037-26-5	Toluene d8		2080	104	2000	1940	97	71 - 134	1940	97		
17060-07-0	1,2-Dichloroeth	ane-d4	2110	106	2000	2080	104	62 - 127	2050	103		

## GC/MS Semi-Volatiles Quality Control Summary

Analytical Batc	h 447429	Client ID	MB447409			LCS447409			LCSD447409			
Prep Batc	h 447409	GCAL ID	905357			905358			905359			
Prep Metho	d 3510C	Sample Type	Method Blank			LCS			LCSD			
		Prep Date	12/14/2010 08:53			12/14/2010 08:53			12/14/2010 08:53			
		Analytical Date	12/14/2010 17:00			12/14/2010 17:15			12/14/2010 17:31			
		Matrix	Water			Water			Water			
CW	846 8270C	TCLD	Units	mg/L	Spike	D 14		Control	D14			RPD
SVV.	040 02/00	ICLP	Result	RDL	Added	Result	% R	Limits % R	Result	% R	RPD	Limit
118-74-1	Hexachloroben	zene	0.0500U	0.0500	0.100	0.069	69	61 - 120	0.069	69	0	30
87-68-3	Hexachlorobuta	adiene	0.0500U	0.0500	0.100	0.066	66	17 - 120	0.067	67	2	30
67-72-1	Hexachloroetha	ane	0.0500U	0.0500	0.100	0.062	62	21 - 120	0.065	65	5	30
95-48-7	o-Cresol		0.0500U	0.0500	0.100	0.053	53	31 - 125	0.055	55	4	30
98-95-3	Nitrobenzene		0.0500U	0.0500	0.100	0.069	69	53 - 120	0.069	69	0	30
95-95-4	2,4,5-Trichloro	ohenol	0.0500U	0.0500	0.100	0.066	66	60 - 120	0.067	67	2	30
88-06-2	2,4,6-Trichloro	ohenol	0.0500U	0.0500	0.100	0.063	63	59 - 120	0.066	66	5	30
110-86-1	Pyridine		0.0500U	0.0500	0.100	0.037	37	10 - 120	0.040	40	8	30
1319-77-3	Cresols		0.1000U	0.1000	0.200	0.098	49	24 - 125	0.101	51	3	30
1319-77-3MP	m,p-Cresol		0.0500U	0.0500	0.100	0.043	43	24 - 125	0.045	45	5	30
106-46-7	1,4-Dichlorober	nzene	0.0500U	0.0500	0.100	0.066	66	22 - 120	0.068	68	3	30
121-14-2	2,4-Dinitrotolue	ene	0.0500U	0.0500	0.100	0.066	66	37 - 138	0.068	68	3	30
87-86-5	Pentachlorophe	enol	0.2500U	0.2500	0.100	0.058	58	25 - 158	0.057	57	2	30
Surrogate												
4165-60-0	Nitrobenzene-c	15	35.7	71	50	39.9	80	48 - 123	41.2	82		
321-60-8	2-Fluorobiphen	yl	36.7	73	50	42	84	16 - 128	44.2	88		
1718-51-0	Terphenyl-d14		38.3	77	50	40.8	82	38 - 167	41.9	84		
4165-62-2	Phenol-d5		33	33	100	36.5	37	10 - 123	38.1	38		
367-12-4	2-Fluorophenol		47	47	100	54.6	55	10 - 120	56.2	56		
118-79-6	2,4,6-Tribromo	phenol	58.9	59	100	68.6	69	44 - 121	72	72		

Analytical Ba	tch 447429	Client ID	SOILS IN BERM AR	EA		904485MS			904485MSD			
Prep Ba	tch 447409	GCAL ID	21012101601			905500			905501			
Prep Meth	nod 3510C	Sample Type	SAMPLE			MS			MSD			
		Prep Date	12/14/2010 08:53			12/14/2010 08:53			12/14/2010 08:53			
		Analytical Date	12/14/2010 19:31			12/14/2010 19:46			12/14/2010 20:01			
		Matrix	Solid			Solid			Solid			
SV	V-846 8270	C TCL D	Units	mg/L	Spike	Result		Control	Result			RPD
34	V-040 0210	CIGER	Result	RDL	Added	Kesuit	% R	Limits % R	Result	% R	RPD	Limit
118-74-1	Hexachlorobe	enzene	0.00	0.0500	0.500	0.345	69	61 - 120	0.381	76	10	30
87-68-3	Hexachlorobi	utadiene	0.00	0.0500	0.500	0.323	65	17 - 120	0.344	69 6		30

## GC/MS Semi-Volatiles Quality Control Summary

Analytical Batc	h 447429	Client ID	SOILS IN BERM AR	FA		904485MS			904485MSD			
Prep Batc		GCAL ID	21012101601	_, .		905500			905501			
Prep Metho		Sample Type	SAMPLE			MS			MSD			
1 Top mound	4 00100	Prep Date	12/14/2010 08:53			12/14/2010 08:53			12/14/2010 08:53			
		Analytical Date	12/14/2010 19:31			12/14/2010 19:46			12/14/2010 20:01			
		Matrix	Solid			Solid			Solid			
			Units	mg/L	Spike	Jolia		Control	John			RPD
SW-	·846 8270C	TCLP	Result	RDL	Added	Result	% R	Limits % R	Result	% R	RPD	Limit
67-72-1	Hexachloroetha	ane	0.00	0.0500	0.500	0.334	67	21 - 120	0.354	71	6	30
95-48-7	o-Cresol		0.00	0.0500	0.500	0.271	54	31 - 125	0.304	61	11	30
98-95-3	Nitrobenzene		0.00	0.0500	0.500	0.357	71	53 - 120	0.380	76	6	30
95-95-4	2,4,5-Trichloro	phenol	0.00	0.0500	0.500	0.348	70	60 - 120	0.378	76	8	30
88-06-2	2,4,6-Trichloro	phenol	0.00	0.0500	0.500	0.332	66	59 - 120	0.358	72	8	30
110-86-1	Pyridine		0.00	0.0500	0.500	0.242	48	10 - 120	0.250	50	3	30
1319-77-3	Cresols		0.00	0.1000	1.00	0.511	51	24 - 125	0.574	57	12	30
1319-77-3MP	m,p-Cresol		0.00	0.0500	0.500	0.232	46	24 - 125	0.263	53	13	30
106-46-7	1,4-Dichlorobe	nzene	0.00	0.0500	0.500	0.337	67	22 - 120	0.356	71	5	30
121-14-2	2,4-Dinitrotolue	ene	0.00	0.0500	0.500	0.373	75	37 - 138	0.393	79	5	30
87-86-5	Pentachlorophe	enol	0.00	0.2500	0.500	0.316	63	25 - 158	0.339	68	7	30
Surrogate												
4165-60-0	Nitrobenzene-c	15	212	85	250	208	83	48 - 123	201	80		
321-60-8	2-Fluorobiphen	yl	213	85	250	216	86	16 - 128	210	84		
1718-51-0	Terphenyl-d14		189	76	250	197	79	38 - 167	195	78		
4165-62-2	Phenol-d5		183	37	500	186	37	10 - 123	179	36		
367-12-4	2-Fluorophenol		271	54	500	269	54	10 - 120	263	53		
118-79-6	2,4,6-Tribromo	phenol	370	74	500	382	76	44 - 121	351	70		

## General Chromatography Quality Control Summary

Analytical Bate	<b>h</b> 447536	Client ID	MB447353			LCS447353			LCSD447353			
Prep Bate	<b>ch</b> 447353	GCAL ID	905060			905061			905062			
Prep Metho	od 3510C	Sample Type	Method Blank			LCS			LCSD			
		Prep Date	12/15/2010 10:55			12/15/2010 10:55			12/15/2010 10:55			
		<b>Analytical Date</b>	12/15/2010 20:05			12/15/2010 20:23			12/15/2010 20:42			
		Matrix	Water			Water			Water			
	SW-846 808	22A	Units	ug/L	Spike	Result		Control	Pocult			RPD
,	344-040 000	) Z A	Result	RDL	Added	Result	% R	Limits % R	Result	% R	RPD	Limit
11104-28-2	Aroclor-1221		1.00U	1.00								
11141-16-5	Aroclor-1232		1.00U	1.00								
53469-21-9	Aroclor-1242		1.00U	1.00								
12672-29-6	Aroclor-1248		1.00U	1.00								
11097-69-1	Aroclor-1254		1.00U	1.00								
12674-11-2	Aroclor-1016		1.00U	1.00	4.00	3.65	91	57 - 130	4.13	103	12	35
11096-82-5	Aroclor-1260		1.00U	1.00	4.00	3.64	91	55 - 130	4.05	101	11	34
Surrogate												
2051-24-3	Decachlorobiph	ienyl	.336	67	.5	.351	70	30 - 139	.319	64		

## General Chromatography Quality Control Summary

Analytical Batch	447615	Client ID	MB447363			LCS447363			LCSD447363			
Prep Batch	447363	GCAL ID	905166			905167			905168			
Prep Method	I TNRCC 1005	Sample Type	Method Blank			LCS			LCSD			
		Prep Date	12/14/2010 11:00			12/14/2010 11:00			12/14/2010 11:00			
		<b>Analytical Date</b>	12/16/2010 14:46			12/16/2010 15:20			12/16/2010 15:56			
		Matrix	Solid			Solid			Solid			
TV1005 Uv	X1005 Hydrocarbons by Rang		Units	ug/Kg	Spike	Result		Control	Result			RPD
I X 1005 Hy	urocarboi	is by Kange	Result	RDL	Added	Result	% R	Limits % R	Result	% R	RPD	Limit
GCSV-05-01	C6-C12		50000U	50000								
GCSV-05-02	>C12-C28		50000U	50000								
GCSV-05-03	>C28-C35		50000U	50000								
GCSV-05-04	Total TPH (C6-	C35)	50000U	50000	198000	190000	96	75 - 125	182000	91	4	20
Surrogate												
84-15-1	o-Terphenyl		40800	82	49500	49000	99	58 - 148	40200	80		

Analytical Batch	447615	Client ID	SOILS IN BERM ARI	EΑ		904485MS			904485MSD			
Prep Batch	447363	GCAL ID	21012101601			905169			905170			
Prep Method	TNRCC 1005	Sample Type	SAMPLE			MS			MSD			
		Prep Date	12/14/2010 11:00			12/14/2010 11:00			12/14/2010 11:00			
		<b>Analytical Date</b>	12/16/2010 18:18			12/16/2010 18:54			12/16/2010 19:28			
		Matrix	Solid			Solid			Solid			
TV1005 Uv	drocarbor	ns by Range	Units	ug/Kg	Spike	Result		Control	Result			RPD
I X 1005 H	urocarboi	is by Kallye	Result	RDL	Added	Result	% R	Limits % R	Result	% R	RPD	Limit
GCSV-05-04	Total TPH (C6-	C35)	825000	50000	200000	1390000	284*	75 - 125	1090000	132*	24*	20
Surrogate												
84-15-1	o-Terphenyl		44500	89	50000	42400	85	58 - 148	42700	85		

## Inorganics Quality Control Summary

Analytical Batch	447501	Client ID	MB447424			LCS447424		
Prep Batch	447424	GCAL ID	905406			905407		
Prep Method	SW-846	Sample Type	Method Blank			LCS		
	3010A	Prep Date	12/14/2010 10:35			12/14/2010 10:35		
		Analytical Date	12/15/2010 16:42			12/15/2010 16:49		
		Matrix	Water			Water		
S/W/S	346 6010B	TCLD	Units	mg/L	Spike	Result		Control
344-0	40 00 100	ICLF	Result	RDL	Added	Result	% R	Limits % R
7440-36-0	Antimony		0.060U	0.060	0.50	0.49	99	80 - 120
7440-38-2	Arsenic		0.20U	0.20	0.50	0.51	102	80 - 120
7440-39-3	Barium		0.081B	1.00	0.50	0.57	115	80 - 120
7440-43-9	Cadmium		0.00028B	0.010	0.50	0.49	99	80 - 120
7440-47-3	Chromium		0.0019B	0.050	0.50	0.47	95	80 - 120
7440-50-8	Copper		0.0035B	0.020	0.50	0.51	102	80 - 120
7439-92-1	Lead		0.0059B	0.10	0.50	0.49	98	80 - 120
7440-02-0	Nickel		0.0021B	0.040	0.50	0.47	95	80 - 120
7782-49-2	Selenium		0.015B	0.10	0.50	0.56	111	80 - 120
7440-22-4	Silver		0.0017B	0.050	0.50	0.49	98	80 - 120

Analytical Batch	447501	Client ID	HAZ BARGE CLEAN	NING SOLIDS		905123MS		
Prep Batch	447424	GCAL ID	21012131101			905409		
Prep Method	SW-846	Sample Type	SAMPLE			MS		
	3010A	Prep Date	12/14/2010 10:35			12/14/2010 10:35		
		Analytical Date	12/15/2010 16:56			12/15/2010 17:10		
		Matrix	Solid			Solid		
S/W S	846 6010B	TCLD	Units	mg/L	Spike	Result		Control
344-6	040 00 100	ICLP	Result	RDL	Added	Result	% R	Limits % R
7440-36-0	Antimony		0.0	0.30	0.50	0.48	97	75 - 125
7440-38-2	Arsenic		0.0	1.00	0.50	0.50	101	75 - 125
7440-39-3	Barium		0.44	5.00	0.50	0.96	102	75 - 125
7440-43-9	Cadmium		0.0010	0.050	0.50	0.51	101	75 - 125
7440-47-3	Chromium		0.0	0.25	0.50	0.50	100	75 - 125
7440-50-8	Copper		0.0	0.10	0.50	0.52	103	75 - 125
7439-92-1	Lead		0.015	0.50	0.50	0.51	99	75 - 125
7440-02-0	Nickel		0.37	0.20	0.50	0.89	104	75 - 125
7782-49-2	Selenium		0.0095	0.50	0.50	0.51	100	75 - 125
7440-22-4	Silver		0.0072	0.25	0.50	0.50	98	75 - 125

## Inorganics Quality Control Summary

Analytical Batch	447501	Client ID	HAZ BARGE CLEAN	IING SOLIDS	905123DUP		
Prep Batch	447424	GCAL ID	21012131101		905408		
Prep Method	SW-846	Sample Type	SAMPLE		DUP		
	3010A	Prep Date	12/14/2010 10:35		12/14/2010 10:35		
		Analytical Date	12/15/2010 16:56		12/15/2010 17:03		
		Matrix	Solid		Solid		
S/W/S	246 60108	TCLD	Units	mg/L	Result		RPD
344-0	SW-846 6010B TC		Result	RDL	Result	RPD	Limit
7440-36-0	Antimony		0.0	0.30	0.0	0	20
7440-38-2	Arsenic		0.0	1.00	0.0	0	20
7440-39-3	Barium		0.44	5.00	0.46	4	20
7440-43-9	Cadmium		0.0010	0.050	0.00012	157*	20
7440-47-3	Chromium		0.0	0.25	0.0027	200*	20
7440-50-8	Copper		0.0	0.10	0.0	0	20
7439-92-1	Lead		0.015	0.50	0.0059	87*	20
7440-02-0	Nickel		0.37	0.20	0.39	5	20
7782-49-2	Selenium		0.0095	0.50	0.0	200*	20
7440-22-4	Silver		0.0072	0.25	0.0023	103*	20

## Inorganics Quality Control Summary

Analytical Batch	447395	Client ID	MB447425			LCS447425			
Prep Batch	447425	GCAL ID	905411			905412			
Prep Method	SW-846	Sample Type	Method Blank			LCS			
	7470A	Prep Date	12/14/2010 10:35	12/14/2010 10:35					
		Analytical Date	12/15/2010 14:47			12/15/2010 14:52			
		Matrix	Water			Water			
S/W/ 9	A6 7470A	TCLD	Units	mg/L	Spike	Result		Control	
SW-846 7470A TCLP		Result	RDL	Added	Result	% R	Limits % R		
7439-97-6	Mercury		0.0020U	0.0020	0.00500	0.00512	102	80 - 120	

Analytical Batch	447395	Client ID	HAZ BARGE CLEAN	ING SOLIDS		905123MS			
Prep Batch	447425	GCAL ID	21012131101			905414			
Prep Method	SW-846	Sample Type	SAMPLE			MS			
	7470A	Prep Date	12/14/2010 10:35		12/14/2010 10:35				
		Analytical Date	12/15/2010 14:53			12/15/2010 14:56			
		Matrix	Solid			Solid			
S/W/ S	16 7470A	TCLD	Units	mg/L	Spike	Result		Control	
SW-846 7470A TCLP		Result	RDL	Added	Result	% R	Limits % R		
7439-97-6	Mercury		0.00000	0.0020	0.00500	0.00532	106	75 - 125	

Analytical Batch	44720E	Client ID	HAZ BARGE CLEAN	INC COLIDS	905123DUP				
Analytical Batch	447393	Client ID	HAZ BARGE CLEAN	ING SOLIDS	90512300P				
Prep Batch	447425	GCAL ID	21012131101		905413				
Prep Method	SW-846	Sample Type	SAMPLE		DUP	DUP			
	7470A	Prep Date	12/14/2010 10:35		12/14/2010 10:35				
		Analytical Date	12/15/2010 14:53		12/15/2010 14:55				
		Matrix	Solid		Solid				
S/W/ 9	46 7470A	TCLD	Units	mg/L	Result		RPD		
SW-846 7470A TCLP		Result	RDL	Result	RPD	Limit			
7439-97-6	Mercury		0.00000	0.0020	0.00000	0	20		

## General Chemistry Quality Control Summary

Analytical Batch	447274	Client ID	MB447140			LCS447140			
Prep Batch	447140	GCAL ID	903952			903953			
Prep Method	7.3.3.2	Sample Type	Method Blank			LCS			
		Prep Date				12/10/2010 14:00			
		Analytical Date	12/10/2010 16:25			12/10/2010 16:26			
		Matrix	Solid			Solid			
SW-846 0	012A Pos	activity CN	Units	mg/kg	Spike	Result		Control	
SW-846 9012A Reactivity CN		Result	RDL	Added	Result	% R	Limits % R		
57-12-5R Reactivity Cyanide		250U	250	250	25.6	10	1 - 25		

Analytical Batch 447	7274 Client ID	GPT-120710-PM-001		903884DUP		
Prep Batch 447	7140 <b>GCAL ID</b>	21012084002		903954		
Prep Method 7.3.	.3.2 Sample Type	SAMPLE		DUP		
	Prep Date	12/10/2010 14:00		12/10/2010 14:00		
	Analytical Date	12/10/2010 16:33		12/10/2010 16:34		
	Matrix	Solid		Solid		
SW-846 001	24 Poactivity CN	Units	mg/kg	Result		RPD
SW-846 9012A Reactivity CN		Result	RDL	Result	RPD	Limit
57-12-5R Reactivity Cyanide		0.0000	250	0.0000	0	25

## General Chemistry Quality Control Summary

Analytical Batch	447342	Client ID	MB447141			LCS447141			
Prep Batch	447141	GCAL ID	903955			903956			
Prep Method	Sec 7.3.4.2	Sample Type	Method Blank			LCS			
		Prep Date	12/10/2010 14:00			12/10/2010 14:00			
		Analytical Date	12/13/2010 11:25			12/13/2010 11:25			
		Matrix	Solid			Solid			
S/M-846 00	34 Poacti	vity Sulfido	Units	mg/kg	Spike	Result		Control	
SW-846 9034 Reactivity Sulfide		Result	RDL	Added	Result	% R	Limits % R		
18496-25-8R	18496-25-8R Reactivity Sulfide		80U	80	537	417	77.7	20 - 114	

Analytical Batch	447342	Client ID	GPT-120710-PM-001		903884DUP			
Prep Batch	447141	GCAL ID	21012084002		903957			
Prep Method	Sec 7.3.4.2	Sample Type	SAMPLE		DUP			
Prep Date		12/10/2010 14:00		12/10/2010 14:00				
		Analytical Date	12/13/2010 11:25		12/13/2010 11:25			
		Matrix	Solid		Solid			
S/W 946 00	24 Poseti	vity Sulfido	Units	mg/kg	Result		RPD	
SW-846 9034 Reactivity Sulfide			Result	RDL	Result	RPD	Limit	
18496-25-8R Reactivity Sulfide			0	80	0	0	25	

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Chain of Custody Record

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7979 GSRI AVE, BATON ROUGE LA 70820-7402 (225) 769-4900 FAX (225) 767-5717	Client Name				Client#			Group#	Due Date
Report to: Client: Collinabila EST Address: [3222 flelicas to]	Client: Columbia Address:	EST		10 10 VOV	cal Re	quests &	Methods		
Contact: 1049 MAA9 Phone: 281-740-6601 Fax: P.O. Number   Project Name/Number	Contact: Phone: Fax:	2, 2		Poly 11	1000	SAS		0.9	
Sampled By:  10-406-00/ Gulfeo,  Sampled By:  10ny Mana	Freeport, TX 60	Pre-	No.	12198 1	Merry X	25 22			Lab ID
Matrix Date Time (2400) o r a Sample Desc	cription	serva-	Con- ainers	500 19	10	1		Remarks:	
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Turn Around Time: 24 - 48 hrs	3 days		1 w		X	standa		ther	3
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Relinquished by: (Signature) Received by: (Sign	ature) Date:	8% Time:	1	By submi	tting thể	se samples	s, you agree	to the terms and schedule of services.	

### **ANALYTICAL RESULTS**

#### **PERFORMED BY**

**GULF COAST ANALYTICAL LABORATORIES, INC.** 

**Report Date** 04/28/2010

**GCAL Report** 210041229



Deliver To Columbia Environmental Services, Inc. 13222 Reeveston Road Houston, TX 77039 713-400-5651

Attn Tony Maag

Project Gulfco Marine

#### **CASE NARRATIVE**

Client: Columbia Environmental Services, Inc Report: 210041229

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

#### **VOLATILES MASS SPECTROMETRY**

In the SW-846 1311/8260B analysis, samples 21004122901 (T2), 21004122903 (T6), 21004122904 (T6 MS), 21004122905 (T6 MSD), 21004122906 (T13), 21004122909 (T18), 21004122910 (T19), and 21004122911 (T21) had to be diluted to bracket the concentration of target compounds within the calibration range of the instrument. The dilutions are reflected in elevated reporting limits that have been lowered when necessary to meet the regulatory limit. The reporting limit exceeds the regulatory limit for vinyl chloride for sample 21004122911 (T21).

In the SW-846 1311/8260B analysis, a dilution factor of 40 was performed for samples 21004122902 (T4), 21004122907 (T15), 21004122908 (T16) and 21004122912 (T22). The reporting limits are at or below the regulatory limits at this dilution.

In the SW-846 1311/8260B analysis for analytical batch 429573, the MS/MSD exhibited recovery failures. All LCS/LCSD recoveries and RPDs are acceptable.

#### SEMI-VOLATILES GAS CHROMATOGRAPHY

In the TX 1005 analysis, sample 21004122908 (T16) had to be diluted to bracket target ranges within the calibration range of the instrument. This is reflected in elevated detection limits. The recovery for the surrogate is above the upper control limit. This can be attributed to a matrix interference as the surrogate eluted within the diesel "hump" of the chromatogram.

#### **CONVENTIONALS**

The Flashpoint analysis for samples 21004122907 (T15), 21004122909 (T18), 21004122910 (T19), and 21004122912 (T22) was performed by SW-846 Method 1010. The matrix is identified as a solid; while solid samples do not fall within the scope of this method, these samples are liquids.

### **Laboratory Endorsement**

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

#### **Common Abbreviations Utilized in this Report**

ND Indicates the result was Not Detected at the specified RDL Indicates the result was Diluted Out Indicates the result was subject to Matrix Interference Indicates the result was Too Numerous To Count SUBC Indicates the analysis was Sub-Contracted Indicates the analysis was performed in the Field PQL Practical Quantitation Limit

MDL Method Detection Limit
RDL Reporting Detection Limit

00:00 Reported as a time equivalent to 12:00 AM

#### Reporting Flags Utilized in this Report

J Indicates an estimated value

U Indicates the compound was analyzed for but not detected

B (ORGANICS) Indicates the analyte was detected in the associated Method Blank

**B** (INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with ISO Guide 25 and NELAC, this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the NELAC standard and terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

Robyn Migues	
Technical Director	
GCAL REPORT 210041229	
THIS REPORT CONTAINS	PAGES

## Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21004122901	T2	Water	04/06/2010 12:00	04/09/2010 12:06
21004122902	T4	Water	04/06/2010 15:00	04/09/2010 12:06
21004122903	T6	Water	04/06/2010 16:00	04/09/2010 12:06
21004122904	T6 MS	Water	04/06/2010 16:00	04/09/2010 12:06
21004122905	T6 MSD	Water	04/06/2010 16:00	04/09/2010 12:06
21004122906	T13	Solid	04/07/2010 11:00	04/09/2010 12:06
21004122907	T15	Solid	04/07/2010 16:00	04/09/2010 12:06
21004122908	T16	Water	04/07/2010 12:00	04/09/2010 12:06
21004122909	T18	Solid	04/07/2010 10:00	04/09/2010 12:06
21004122910	T19	Solid	04/07/2010 13:00	04/09/2010 12:06
21004122911	T21	Water	04/07/2010 15:00	04/09/2010 12:06
21004122912	T22	Solid	04/07/2010 10:15	04/09/2010 12:06

## Summary of Compounds Detected

GCAL ID 21004122901	Client ID T2	<b>Matrix</b> Water	Collect Date/Time 04/06/2010 12:00		Receive Date/Time 04/09/2010 12:06	
SW-846 826		vvater	04/06/2010 12:00		04/09/2010 12:00	
CAS#	Parameter		Result	RDL	MDL	Units
107-06-2	1,2-Dichloroethane		28.9	0.200	0.017	mg/L
78-93-3	2-Butanone		5.64	5.00	0.019	mg/L
71-43-2	Benzene		2.43	0.200	0.011	mg/L
67-66-3	Chloroform		1.25	1.00	0.011	mg/L
127-18-4 <mark>79-01-6</mark>	Tetrachloroethene Trichloroethene		0.534 12.7	0.200 0.200	0.024 0.012	mg/L mg/L
SW-846 60	10B TCLP					
CAS#	Parameter		Result	RDL	MDL	Units
7440-38-2	Arsenic		0.020B	0.20	0.0030	mg/L
7440-39-3	Barium		16.8	1.00	0.00031	mg/L
7440-47-3	Chromium		0.013B	0.050	0.00032	mg/L
7782-49-2	Selenium		0.0061B	0.10	0.0037	mg/L
SW-846 74	70A TCLP					
CAS#	Parameter		Result	RDL	MDL	Units
7439-97-6	Mercury		0.00067B	0.020	0.00055	mg/L
GCAL ID	Client ID	Matrix	Collect Date/Time		Receive Date/Time	
21004122902	T4	Water	04/06/2010 15:00		04/09/2010 12:06	
SW-846 60	10B TCLP					
CAS#	Parameter		Result	RDL	MDL	Units
7440-36-0	Antimony		0.020B	0.060	0.0035	mg/L
7440-38-2	Arsenic		0.0030B	0.20	0.0030	mg/L
7440-39-3	Barium		13.1	1.00	0.00031	mg/L
7440-02-0	Nickel		0.038B	0.040	0.0012	mg/L
GCAL ID	Client ID	Matrix	Collect Date/Time		Receive Date/Time	
21004122903	Т6	Water	04/06/2010 16:00		04/09/2010 12:06	
SW-846 826	60B TCLP					
CAS#	Parameter		Result	RDL	MDL	Units
107-06-2	1,2-Dichloroethane		6.91	0.500	0.00860	mg/L
71-43-2	Benzene		0.802	0.500	0.00542	mg/L
67-66-3	Chloroform		5.36	0.500	0.00565	mg/L
79-01-6	Trichloroethene		0.245J	0.500	0.00618	mg/L

# Summary of Compounds Detected (con't)

GCAL ID 21004122903	Client ID T6	Matrix Water	Collect Date/Time 04/06/2010 16:00		<b>Receive Date/Time</b> 04/09/2010 12:06	
SW-846 8270	OC TCLP					
CAS#	Parameter		Result	RDL	MDL	Units
1319-77-3	Cresols		0.027J	0.1000	0.0024	mg/L
1319-77-3MP	m,p-Cresol		0.012J	0.0500	0.0017	mg/L
95-48-7	o-Cresol		0.016J	0.0500	0.0009	mg/L
SW-846 6010	OB TCLP					
CAS#	Parameter		Result	RDL	MDL	Units
7440-38-2	Arsenic		0.016B	0.20	0.0030	mg/L
7440-39-3	Barium		2.42	1.00	0.00031	mg/L
7440-43-9	Cadmium		0.0058B	0.010	0.00016	mg/L
7440-47-3	Chromium		0.0021B	0.050	0.00032	mg/L
7439-92-1	Lead		0.013B	0.10	0.0015	mg/L
7440-02-0	Nickel		0.50	0.040	0.0012	mg/L
SW-846 7470	DA TCLP					
CAS#	Parameter		Result	RDL	MDL	Units
7439-97-6	Mercury		0.00011B	0.0020	0.000055	mg/L
GCAL ID	Client ID	Matrix	Collect Date/Time		Receive Date/Time	
21004122904	T6 MS	Water	04/06/2010 16:00		04/09/2010 12:06	
SW-846 8270	OC TCLP					
CAS#	Parameter		Result	RDL	MDL	Units
106-46-7	1,4-Dichlorobenzene		0.414	0.0500	0.0006	mg/L
121-14-2	2,4-Dinitrotoluene		0.527	0.0500	0.0012	mg/L
1319-77-3	Cresols		0.031J	0.1000	0.0024	mg/L
87-86-5	Pentachlorophenol		0.403	0.2500	0.0076	mg/L
1319-77-3MP	m,p-Cresol		0.013J	0.0500	0.0017	mg/L
95-48-7	o-Cresol		0.018J	0.0500	0.0009	mg/L
SW-846 6010	OB TCLP					
CAS#	Parameter		Result	RDL	MDL	Units
7440-36-0	Antimony		0.47	0.060	0.0035	mg/L
7440-38-2	Arsenic		0.53	0.20	0.0030	mg/L
7440-39-3	Barium		2.82	1.00	0.00031	mg/L
7440-41-7	Beryllium		0.49	0.0050	0.000068	mg/L
7440-43-9	Cadmium		0.49	0.010	0.00016	mg/L
7440-47-3	Chromium		0.49	0.050	0.00032	mg/L
7439-92-1	Lead		0.49	0.10	0.0015	mg/L
7440-02-0	Nickel		0.96	0.040	0.0012	mg/L
7782-49-2	Selenium		0.50	0.10	0.0037	mg/L

GCAL ID 21004122904	Client ID T6 MS	<b>Matrix</b> Water	Collect Date/Time 04/06/2010 16:00		<b>Receive Date/Time</b> 04/09/2010 12:06	
SW-846 6010						
CAS#	Parameter		Result	RDL	MDL	Units
7440-22-4	Silver		0.49	0.050	0.00058	mg/L
SW-846 747	0A TCLP					
CAS#	Parameter		Result	RDL	MDL	Units
7439-97-6	Mercury		0.00527	0.0020	0.000055	mg/L
TX1005 Hydi	rocarbons by Range					
CAS#	Parameter		Result	RDL	MDL	Units
GCSV-05-02	>C12-C28		26900	150	130	ug/L
GCSV-05-01	C6-C12		24700	150	112	ug/L
GCSV-05-04	Total TPH (C6-C35)		51600	150	112	ug/L
SW-846 826	OB TCLP					
CAS#	Parameter		Result	RDL	MDL	Units
75-35-4	1.1-Dichloroethene		4.26	0.500	0.016	mg/L
107-06-2	1,2-Dichloroethane		10.6	0.500	0.00860	mg/L
78-93-3	2-Butanone		3.58	2.50	0.00933	mg/L
71-43-2	Benzene		5.24	0.500	0.00542	mg/L
56-23-5	Carbon tetrachloride		4.24	0.500	0.015	mg/L
108-90-7	Chlorobenzene		4.40	0.500	0.00274	mg/L
67-66-3	Chloroform		8.71	0.500	0.00565	mg/L
127-18-4	Tetrachloroethene		4.64	0.500	0.012	mg/L
79-01-6	Trichloroethene		4.57	0.500	0.00618	mg/L
75-01-4	Vinyl chloride		4.37	0.500	0.00930	mg/L
GCAL ID	Client ID	Matrix	Collect Date/Time		Receive Date/Time	
21004122905	T6 MSD	Water	04/06/2010 16:00		04/09/2010 12:06	
SW-846 827	OC TCLP					
CAS#	Parameter		Result	RDL	MDL	Units
106-46-7	1,4-Dichlorobenzene		0.470	0.0500	0.0006	mg/L
121-14-2	2,4-Dinitrotoluene		0.527	0.0500	0.0012	mg/L
1319-77-3	Cresols		0.034J	0.1000	0.0024	mg/L
87-86-5	Pentachlorophenol		0.424	0.2500	0.0076	mg/L
1319-77-3MP	m,p-Cresol		0.014J	0.0500	0.0017	mg/L
95-48-7	o-Cresol		0.020J	0.0500	0.0009	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time		Receive Date/Time	
21004122905	T6 MSD	Water	04/06/2010 16:00		04/09/2010 12:06	
SW-846 601	0B TCLP					
CAS#	Parameter		Result	RDL	MDL	Units
7440-36-0	Antimony		0.49	0.060	0.0035	mg/L
7440-38-2	Arsenic		0.55	0.20	0.0030	mg/L
7440-39-3	Barium		2.99	1.00	0.00031	mg/L
7440-41-7	Beryllium		0.51	0.0050	0.000068	mg/L
7440-43-9	Cadmium		0.51	0.010	0.00016	mg/L
7440-47-3	Chromium		0.50	0.050	0.00032	mg/L
7439-92-1	Lead		0.51	0.10	0.0015	mg/L
7440-02-0	Nickel		1.01	0.040	0.0012	mg/L
7782-49-2	Selenium		0.51	0.10	0.0037	mg/L
7440-22-4	Silver		0.51	0.050	0.00058	mg/L
SW-846 747	'0A TCLP					
CAS#	Parameter		Result	RDL	MDL	Units
7439-97-6	Mercury		0.00526	0.0020	0.000055	mg/L
SW-846 826	OB TCLP					
CAS#	Parameter		Result	RDL	MDL	Units
75-35-4	1,1-Dichloroethene		4.42	0.500	0.016	mg/L
107-06-2	1,2-Dichloroethane		9.17	0.500	0.00860	mg/L
78-93-3	2-Butanone		3.60	2.50	0.00933	mg/L
71-43-2	Benzene		5.14	0.500	0.00542	mg/L
56-23-5	Carbon tetrachloride		4.44	0.500	0.015	mg/L
108-90-7	Chlorobenzene		4.51	0.500	0.00274	mg/L
67-66-3	Chloroform		7.36	0.500	0.00565	mg/L
127-18-4	Tetrachloroethene		4.57	0.500	0.012	mg/L
79-01-6	Trichloroethene		4.45	0.500	0.00618	mg/L
75-01-4	Vinyl chloride		4.34	0.500	0.00930	mg/L
TX1005 Hyd	Irocarbons by Range					
CAS#	Parameter		Result	RDL	MDL	Units
GCSV-05-02	>C12-C28		27100	149	130	ug/L
GCSV-05-01	C6-C12		24300	149	111	ug/L
GCSV-05-04	Total TPH (C6-C35)		51400	149	111	ug/L

GCAL ID 21004122906	Client ID T13	<b>Matrix</b> Solid	Collect Date/Time 04/07/2010 11:00			
SW-846 60	10B TCLP					
CAS#	Parameter		Result	RDL	MDL	Units
7440-39-3	Barium		0.79B	1.00	0.00031	mg/L
7439-92-1	Lead		0.0056B	0.10	0.0015	mg/L
7782-49-2	Selenium		0.037B	0.10	0.0037	mg/L
7440-22-4	Silver		0.0015B	0.050	0.00058	mg/L
ASTM E203	3-96 WaterK					
CAS#	Parameter		Result	RDL	MDL	Units
W-02-8	Karl Fisher H20		49.3	0.100	0.036	%
SW-846 826	60B TCLP					
CAS#	Parameter		Result	RDL	MDL	Units
75-35-4	1,1-Dichloroethene		0.043J	0.200	0.00656	mg/L
107-06-2	1,2-Dichloroethane		1.42	0.200	0.00344	mg/L
71-43-2	Benzene		2.07	0.200	0.00217	mg/L
67-66-3	Chloroform		0.397	0.200	0.00226	mg/L
127-18-4	Tetrachloroethene		0.789	0.200	0.00484	mg/L
79-01-6	Trichloroethene		1.28	0.200	0.00247	mg/L
75-01-4	Vinyl chloride		0.068J	0.200	0.00372	mg/L
ASTM D240	Heat of Combustion					
CAS#	Parameter		Result	RDL	MDL	Units
WET-014	Heat of Combustion		3459	90	90	BTU/lb
GCAL ID	Client ID	Matrix	Collect Date/Time		Receive Date/Time	
21004122907	T15	Solid	04/07/2010 16:00		04/09/2010 12:06	
SW-846 820	60B TCLP					
CAS#	Parameter		Result	RDL	MDL	Units
71-43-2	Benzene		0.105J	0.200	0.00217	mg/L
ASTM D240	Heat of Combustion					
CAS#	Parameter		Result	RDL	MDL	Units
WET-014	Heat of Combustion		17162	90	90	BTU/lb

GCAL ID 21004122908	Client ID T16	<b>Matrix</b> Water	Collect Date/Time 04/07/2010 12:00		<b>Receive Date/Time</b> 04/09/2010 12:06	
SW-846 8270						
CAS#	Parameter		Result	RDL	MDL	Units
1319-77-3	Cresols		0.012J	0.1000	0.0024	mg/L
1319-77-3MP	m,p-Cresol		0.00773J	0.0500	0.0017	mg/L
95-48-7	o-Cresol		0.00455J	0.0500	0.0009	mg/L
SW-846 6010	OB TCLP					
CAS#	Parameter		Result	RDL	MDL	Units
7440-39-3	Barium		0.43B	1.00	0.00031	mg/L
7440-47-3	Chromium		0.013B	0.050	0.00032	mg/L
7439-92-1	Lead		0.0046B	0.10	0.0015	mg/L
7440-02-0	Nickel		0.060	0.040	0.0012	mg/L
7782-49-2	Selenium		0.0074B	0.10	0.0037	mg/L
SW-846 8260	OB TCLP					
CAS#	Parameter		Result	RDL	MDL	Units
78-93-3	2-Butanone		0.067J	1.00	0.00373	mg/L
TX1005 Hydi	rocarbons by Range					
CAS#	Parameter		Result	RDL	MDL	Units
GCSV-05-02	>C12-C28		97800	291	254	ug/L
GCSV-05-03	>C28-C35		49500	291	254	ug/L
GCSV-05-04	Total TPH (C6-C35)		147000	291	218	ug/L
GCAL ID	Client ID	Matrix	Collect Date/Time		Receive Date/Time	
21004122909	T18	Solid	04/07/2010 10:00		04/09/2010 12:06	
SW-846 8260	OB TCLP					
CAS#	Parameter		Result	RDL	MDL	Units
107-06-2	1,2-Dichloroethane		0.299	0.200	0.017	mg/L
67-66-3	Chloroform		4.48	1.00	0.011	mg/L
GCAL ID	Client ID	Matrix	Collect Date/Time		Receive Date/Time	
21004122910	T19	Solid	04/07/2010 13:00		04/09/2010 12:06	
SW-846 8260	OB TCLP					
CAS#	Parameter		Result	RDL	MDL	Units
107-06-2	1,2-Dichloroethane		0.051J	0.200	0.00344	mg/L

GCAL ID 21004122910	Client ID T19	<b>Matrix</b> Solid	<b>Collect Date/Time</b> 04/07/2010 13:00		<b>Receive Date/Time</b> 04/09/2010 12:06	
SW-846 82	60B TCLP					
CAS#	Parameter		Result	RDL	MDL	Units
71-43-2	Benzene		1.55	0.200	0.00217	mg/L
67-66-3	Chloroform		0.048J	0.200	0.00226	mg/L
79-01-6	Trichloroethene		0.047J	0.200	0.00247	mg/L
GCAL ID	Client ID	Matrix	Collect Date/Time		Receive Date/Time	
21004122911	T21	Water	04/07/2010 15:00		04/09/2010 12:06	
SW-846 82	60B TCLP					_
CAS#	Parameter		Result	RDL	MDL	Units
107-06-2	1,2-Dichloroethane		22.1	0.500	0.043	mg/L
71-43-2	Benzene		1.16	0.500	0.027	mg/L
67-66-3	Chloroform		43.4	2.50	0.028	mg/L
GCAL ID	Client ID	Matrix	Collect Date/Time		Receive Date/Time	
21004122912	T22	Solid	04/07/2010 10:15		04/09/2010 12:06	
SW-846 82	60B TCLP					
CAS#	Parameter		Result	RDL	MDL	Units
67-66-3	Chloroform		0.052J	0.200	0.00226	mg/L
SW-846 60	10B TCLP					
CAS#	Parameter		Result	RDL	MDL	Units
7440-39-3	Barium		0.47B	1.00	0.00031	mg/L
7439-92-1	Lead		0.0028B	0.10	0.0015	mg/L
7782-49-2	Selenium		0.041B	0.10	0.0037	mg/L
7440-22-4	Silver		0.0036B	0.050	0.00058	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21004122901	T2	Water	04/06/2010 12:00	04/09/2010 12:06

Prep Date	Prep Batch	Prep Method	Dilution 200	<b>Analyzed</b> 04/16/2010 01:26	By Analytic RJU 429573	al Batch
CAS#	Parameter		Result	RDL	MDL	Units
75-35-4	1,1-Dichloroethene		0.200U	0.200	0.033	mg/L
107-06-2	1,2-Dichloroethane		28.9	0.200	0.017	mg/L
78-93-3	2-Butanone		5.64	5.00	0.019	mg/L
71-43-2	Benzene		2.43	0.200	0.011	mg/L
56-23-5	Carbon tetrachloride		0.200U	0.200	0.030	mg/L
108-90-7	Chlorobenzene		0.200U	0.200	0.00548	mg/L
67-66-3	Chloroform		1.25	1.00	0.011	mg/L
127-18-4	Tetrachloroethene		0.534	0.200	0.024	mg/L
79-01-6	Trichloroethene		12.7	0.200	0.012	mg/L
75-01-4	Vinyl chloride		0.200U	0.200	0.019	mg/L
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	10000	10400	ug/L	104	62 - 130
1868-53-7	Dibromofluoromethane	10000	9880	ug/L	99	65 - 127
2037-26-5	Toluene d8	10000	10800	ug/L	108	71 - 134
17060-07-0	1,2-Dichloroethane-d4	10000	9200	ug/L	92	62 - 127

#### SW-846 8270C TCLP

<b>Prep Date</b> 04/16/2010 08:0	<b>Prep Batch</b> 0 429512	Prep Method 3510C	Dilution 1	<b>Analyzed</b> 04/16/2010 13:57	By Analy KCB 4295	<b>ytical Batch</b> 91
CAS#	Parameter		Result	RDL	MD	L Units
106-46-7	1,4-Dichlorobenzene		0.0500U	0.0500	0.000	06 mg/L
95-95-4	2,4,5-Trichlorophenol		0.0500U	0.0500	0.000	06 mg/L
88-06-2	2,4,6-Trichlorophenol		0.0500U	0.0500	0.000	08 mg/L
121-14-2	2,4-Dinitrotoluene		0.0500U	0.0500	0.001	12 mg/L
1319-77-3	Cresols		0.1000U	0.1000	0.002	24 mg/L
118-74-1	Hexachlorobenzene		0.0500U	0.0500	0.001	13 mg/L
87-68-3	Hexachlorobutadiene		0.0500U	0.0500	0.001	I1 mg/L
67-72-1	Hexachloroethane		0.0500U	0.0500	0.005	55 mg/L
98-95-3	Nitrobenzene		0.0500U	0.0500	0.001	I1 mg/L
87-86-5	Pentachlorophenol		0.2500U	0.2500	0.007	76 mg/L
110-86-1	Pyridine		0.0500U	0.0500	0.007	77 mg/L
1319-77-3MP	m,p-Cresol		0.0500U	0.0500	0.001	I7 mg/L
95-48-7	o-Cresol		0.0500U	0.0500	0.000	9 mg/L
CAS# S	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0 N	Nitrobenzene-d5	250	211	ug/L	84	48 - 123
321-60-8 2	?-Fluorobiphenyl	250	246	ug/L	98	16 - 128
1718-51-0 T	Ferphenyl-d14	250	180	ug/L	72	38 - 167
4165-62-2 F	Phenol-d5	500	171	ug/L	34	10 - 123
367-12-4 2	2-Fluorophenol	500	247	ug/L	49	10 - 120
118-79-6 2	2,4,6-Tribromophenol	500	557	ug/L	111	44 - 121

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21004122901	T2	Water	04/06/2010 12:00	04/09/2010 12:06

### SW-846 6010B TCLP

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	Ву	Analytical Batch	
04/15/2010 08	8:45 429492	SW-846 3010A	1	04/15/2010 23:49	CLB	429524	
CAS#	Parameter		Result	RDL		MDL	Units
7440-38-2	Arsenic		0.020B	0.20		0.0030	mg/L
7440-39-3	Barium		16.8	1.00		0.00031	mg/L
7440-43-9	Cadmium		0.010U	0.010		0.00016	mg/L
7440-47-3	Chromium		0.013B	0.050		0.00032	mg/L
7439-92-1	Lead		0.10U	0.10		0.0015	mg/L
7782-49-2	Selenium		0.0061B	0.10		0.0037	mg/L
7440-22-4	Silver		0.050U	0.050		0.00058	ma/L

#### SW-846 7470A TCLP

<b>Prep Date</b> 04/15/2010 08	<b>Prep Batch</b> 3:45 429494	Prep Method SW-846 7470A	<b>Dilution</b> 1	<b>Analyzed</b> 04/15/2010 12:03	By Analyt TEA 42952	tical Batch 1
CAS#	Parameter		Result	RDL	MDL	. Units
7439-97-6	Mercury		0.00067B	0.020	0.00055	5 mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21004122902	T4	Water	04/06/2010 15:00	04/09/2010 12:06

Prep Date	Prep Batch	Prep Method	<b>Dilution</b> 40	<b>Analyzed</b> 04/15/2010 21:57	By Analytica SLR 429573	al Batch
CAS#	Parameter		Result	RDL	MDL	Units
75-35-4	1,1-Dichloroethene		0.200U	0.200	0.00656	mg/L
107-06-2	1,2-Dichloroethane		0.200U	0.200	0.00344	mg/L
78-93-3	2-Butanone		1.00U	1.00	0.00373	mg/L
71-43-2	Benzene		0.200U	0.200	0.00217	mg/L
56-23-5	Carbon tetrachloride		0.200U	0.200	0.00592	mg/L
108-90-7	Chlorobenzene		0.200U	0.200	0.00110	mg/L
67-66-3	Chloroform		0.200U	0.200	0.00226	mg/L
127-18-4	Tetrachloroethene		0.200U	0.200	0.00484	mg/L
79-01-6	Trichloroethene		0.200U	0.200	0.00247	mg/L
75-01-4	Vinyl chloride		0.200U	0.200	0.00372	mg/L
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	2000	1920	ug/L	96	62 - 130
1868-53-7	Dibromofluoromethane	2000	1990	ug/L	100	65 - 127
2037-26-5	Toluene d8	2000	1870	ug/L	94	71 - 134
17060-07-0	1,2-Dichloroethane-d4	2000	1930	ug/L	97	62 - 127

#### SW-846 8270C TCLP

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	-	Analytical Batc	h
04/16/2010 08:00	0 429512	3510C	1	04/16/2010 14:12	KCB 4	129591	
CAS#	Parameter		Result	RDL		MDL	Units
106-46-7	1,4-Dichlorobenzene		0.0500U	0.0500	(	0.0006	mg/L
95-95-4	2,4,5-Trichlorophenol		0.0500U	0.0500	(	0.0006	mg/L
88-06-2	2,4,6-Trichlorophenol		0.0500U	0.0500	(	8000.0	mg/L
121-14-2	2,4-Dinitrotoluene		0.0500U	0.0500	(	0.0012	mg/L
1319-77-3	Cresols		0.1000U	0.1000	(	0.0024	mg/L
118-74-1	Hexachlorobenzene		0.0500U	0.0500	(	0.0013	mg/L
87-68-3	Hexachlorobutadiene		0.0500U	0.0500	(	0.0011	mg/L
67-72-1	Hexachloroethane		0.0500U	0.0500	(	0.0055	mg/L
98-95-3	Nitrobenzene		0.0500U	0.0500	(	0.0011	mg/L
87-86-5	Pentachlorophenol		0.2500U	0.2500	(	0.0076	mg/L
110-86-1	Pyridine		0.0500U	0.0500	(	0.0077	mg/L
1319-77-3MP	m,p-Cresol		0.0500U	0.0500	(	0.0017	mg/L
95-48-7	o-Cresol		0.0500U	0.0500	(	0.0009	mg/L
CAS# S	urrogate	Conc. Spiked	Conc. Rec	Units	% Recov	ery Re	c Limits
4165-60-0 N	litrobenzene-d5	250	233	ug/L		93	48 - 123
321-60-8 2	-Fluorobiphenyl	250	235	ug/L		94	16 - 128
1718-51-0 T	erphenyl-d14	250	182	ug/L		73	38 - 167
4165-62-2 P	henol-d5	500	211	ug/L		42	10 - 123
367-12-4 2	-Fluorophenol	500	308	ug/L		62	10 - 120
118-79-6 2	,4,6-Tribromophenol	500	512	ug/L		102	44 - 121

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21004122902	T4	Water	04/06/2010 15:00	04/09/2010 12:06

#### TX1005 Hydrocarbons by Range

<b>Prep Date</b> 04/16/2010 14:0	<b>Prep Batch</b> 00 429379	Prep Method TNRCC 1005	<b>Dilution</b> 1	<b>Analyzed</b> 04/19/2010 15:41	•	Analytical Batc 429750	h
CAS#	Parameter		Result	RDL		MDL	Units
GCSV-05-02	>C12-C28		149U	149		130	ug/L
GCSV-05-03	>C28-C35		149U	149		130	ug/L
GCSV-05-01	C6-C12		149U	149		112	ug/L
GCSV-05-04	Total TPH (C6-C35)		149U	149		112	ug/L
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recov	very Re	c Limits
84-15-1	o-Terphenyl	16600	22400	ug/L		135	58 - 148

#### SW-846 6010B TCLP

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	Ву	Analytical Batch	
04/15/2010 08	8:45 429492	SW-846 3010A	1	04/16/2010 00:04	CLB	429524	
CAS#	Parameter		Result	RDL		MDL	Units
7440-36-0	Antimony		0.020B	0.060		0.0035	mg/L
7440-38-2	Arsenic		0.0030B	0.20		0.0030	mg/L
7440-39-3	Barium		13.1	1.00		0.00031	mg/L
7440-41-7	Beryllium		0.0050U	0.0050		0.000068	mg/L
7440-43-9	Cadmium		0.010U	0.010		0.00016	mg/L
7440-47-3	Chromium		0.050U	0.050		0.00032	mg/L
7439-92-1	Lead		0.10U	0.10		0.0015	mg/L
7440-02-0	Nickel		0.038B	0.040		0.0012	mg/L
7782-49-2	Selenium		0.10U	0.10		0.0037	mg/L
7440-22-4	Silver		0.050U	0.050		0.00058	mg/L

#### SW-846 7470A TCLP

Prep Date 04/15/2010 08	<b>Prep Batch</b> :45 429494	Prep Method SW-846 7470A	Dilution 1	<b>Analyzed</b> 04/15/2010 12:04	By Analytic TEA 429521	cal Batch
CAS#	Parameter		Result	RDL	MDL	Units
7439-97-6	Mercury		0.0020U	0.0020	0.000055	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21004122903	Т6	Water	04/06/2010 16:00	04/09/2010 12:06

Prep Date	Prep Batch	Prep Method	<b>Dilution</b> 100	<b>Analyzed</b> 04/15/2010 21:35	By Analytic SLR 429573	al Batch
CAS#	Parameter		Result	RDL	MDL	Units
75-35-4	1,1-Dichloroethene		0.500U	0.500	0.016	mg/L
107-06-2	1,2-Dichloroethane		6.91	0.500	0.00860	mg/L
78-93-3	2-Butanone		2.50U	2.50	0.00933	mg/L
71-43-2	Benzene		0.802	0.500	0.00542	mg/L
56-23-5	Carbon tetrachloride		0.500U	0.500	0.015	mg/L
108-90-7	Chlorobenzene		0.500U	0.500	0.00274	mg/L
67-66-3	Chloroform		5.36	0.500	0.00565	mg/L
127-18-4	Tetrachloroethene		0.500U	0.500	0.012	mg/L
79-01-6	Trichloroethene		0.245J	0.500	0.00618	mg/L
75-01-4	Vinyl chloride		0.100U	0.100	0.00930	mg/L
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	5000	5020	ug/L	100	62 - 130
1868-53-7	Dibromofluoromethane	5000	5010	ug/L	100	65 - 127
2037-26-5	Toluene d8	5000	5010	ug/L	100	71 - 134
17060-07-0	1,2-Dichloroethane-d4	5000	4600	ug/L	92	62 - 127

#### SW-846 8270C TCLP

04/16/2010 08:00 CAS#	Parameter 1,4-Dichlorobenzene	3510C	1 Result	04/16/2010 14:28	KCB 42959	91
CAS#			Decult			
	1 4-Dichlorohenzene		Result	RDL	MDI	L Units
106-46-7	1,4 DIGITIOTODCITZCITC		0.0500U	0.0500	0.000	06 mg/L
95-95-4	2,4,5-Trichlorophenol		0.0500U	0.0500	0.000	06 mg/L
88-06-2	2,4,6-Trichlorophenol		0.0500U	0.0500	0.000	08 mg/L
121-14-2	2,4-Dinitrotoluene		0.0500U	0.0500	0.001	I2 mg/L
1319-77-3	Cresols		0.027J	0.1000	0.002	24 mg/L
118-74-1	Hexachlorobenzene		0.0500U	0.0500	0.001	13 mg/L
87-68-3	Hexachlorobutadiene		0.0500U	0.0500	0.001	I1 mg/L
67-72-1	Hexachloroethane		0.0500U	0.0500	0.005	55 mg/L
98-95-3	Nitrobenzene		0.0500U	0.0500	0.001	I1 mg/L
87-86-5	Pentachlorophenol		0.2500U	0.2500	0.007	76 mg/L
110-86-1	Pyridine		0.0500U	0.0500	0.007	77 mg/L
1319-77-3MP	m,p-Cresol		0.012J	0.0500	0.001	l7 mg/L
95-48-7	o-Cresol		0.016J	0.0500	0.000	9 mg/L
CAS# S	urrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0 N	itrobenzene-d5	250	218	ug/L	87	48 - 123
321-60-8 2-	Fluorobiphenyl	250	212	ug/L	85	16 - 128
1718-51-0 Te	erphenyl-d14	250	174	ug/L	70	38 - 167
4165-62-2 Pi	henol-d5	500	227	ug/L	45	10 - 123
367-12-4 2-	Fluorophenol	500	311	ug/L	62	10 - 120
118-79-6 2,	4,6-Tribromophenol	500	496	ug/L	99	44 - 121

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time	
21004122903	T6	Water	04/06/2010 16:00	04/09/2010 12:06	

#### TX1005 Hydrocarbons by Range

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By Analytica	al Batch
04/16/2010 14	:00 429379	TNRCC 1005	1	04/20/2010 11:18	SMH 429794	
CAS#	Parameter		Result	RDL	MDL	Units
GCSV-05-02	>C12-C28		145U	145	126	ug/L
GCSV-05-03	>C28-C35		145U	145	126	ug/L
GCSV-05-01	C6-C12		145U	145	109	ug/L
GCSV-05-04	Total TPH (C6-C35)		145U	145	109	ug/L
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	16100	18000	ug/L	112	58 - 148

#### SW-846 6010B TCLP

Prep Date 04/15/2010 08	<b>Prep Batch</b> 3:45 429492	Prep Method SW-846 3010A	Dilution 1	<b>Analyzed</b> 04/15/2010 20:48	By Analytic CLB 429524	al Batch
CAS#	Parameter		Result	RDL	MDL	Units
7440-36-0	Antimony		0.060U	0.060	0.0035	mg/L
7440-38-2	Arsenic		0.016B	0.20	0.0030	mg/L
7440-39-3	Barium		2.42	1.00	0.00031	mg/L
7440-41-7	Beryllium		0.0050U	0.0050	0.000068	mg/L
7440-43-9	Cadmium		0.0058B	0.010	0.00016	mg/L
7440-47-3	Chromium		0.0021B	0.050	0.00032	mg/L
7439-92-1	Lead		0.013B	0.10	0.0015	mg/L
7440-02-0	Nickel		0.50	0.040	0.0012	mg/L
7782-49-2	Selenium		0.10U	0.10	0.0037	mg/L
7440-22-4	Silver		0.050U	0.050	0.00058	mg/L

#### SW-846 7470A TCLP

<b>Prep Date</b> 04/15/2010 08	<b>Prep Batch</b> :45 429494	Prep Method SW-846 7470A	Dilution 1	<b>Analyzed</b> 04/15/2010 11:56	By Analyt TEA 42952	ical Batch 1
CAS#	Parameter		Result	RDL	MDL	Units
7439-97-6	Mercury		0.00011B	0.0020	0.000055	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21004122904	T6 MS	Water	04/06/2010 16:00	04/09/2010 12:06

Prep Date	Prep Batch	Prep Method	<b>Dilution</b> 100	<b>Analyzed</b> 04/15/2010 22:42	By Analytica RJU 429573	ll Batch
CAS#	Parameter		Result	RDL	MDL	Units
75-35-4	1,1-Dichloroethene		4.26	0.500	0.016	mg/L
107-06-2	1,2-Dichloroethane		10.6	0.500	0.00860	mg/L
78-93-3	2-Butanone		3.58	2.50	0.00933	mg/L
71-43-2	Benzene		5.24	0.500	0.00542	mg/L
56-23-5	Carbon tetrachloride		4.24	0.500	0.015	mg/L
108-90-7	Chlorobenzene		4.40	0.500	0.00274	mg/L
67-66-3	Chloroform		8.71	0.500	0.00565	mg/L
127-18-4	Tetrachloroethene		4.64	0.500	0.012	mg/L
79-01-6	Trichloroethene		4.57	0.500	0.00618	mg/L
75-01-4	Vinyl chloride		4.37	0.500	0.00930	mg/L
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	5000	5030	ug/L	101	62 - 130
1868-53-7	Dibromofluoromethane	5000	4800	ug/L	96	65 - 127
2037-26-5	Toluene d8	5000	4980	ug/L	100	71 - 134
17060-07-0	1,2-Dichloroethane-d4	5000	4610	ug/L	92	62 - 127

#### SW-846 8270C TCLP

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By An	alytical Batch	
04/16/2010 08:0	0 429512	3510C	1	04/16/2010 14:44	KCB 429	9591	
CAS#	Parameter		Result	RDL	N	IDL	Units
106-46-7	1,4-Dichlorobenzene		0.414	0.0500	0.0	006	mg/L
95-95-4	2,4,5-Trichlorophenol		0.0500U	0.0500	0.0	0006	mg/L
88-06-2	2,4,6-Trichlorophenol		0.0500U	0.0500	0.0	800	mg/L
121-14-2	2,4-Dinitrotoluene		0.527	0.0500	0.0	012	mg/L
1319-77-3	Cresols		0.031J	0.1000	0.0	024	mg/L
118-74-1	Hexachlorobenzene		0.0500U	0.0500	0.0	013	mg/L
87-68-3	Hexachlorobutadiene		0.0500U	0.0500	0.0	011	mg/L
67-72-1	Hexachloroethane		0.0500U	0.0500	0.0	055	mg/L
98-95-3	Nitrobenzene		0.0500U	0.0500	0.0	011	mg/L
87-86-5	Pentachlorophenol		0.403	0.2500	0.0	076	mg/L
110-86-1	Pyridine		0.0500U	0.0500	0.0	077	mg/L
1319-77-3MP	m,p-Cresol		0.013J	0.0500	0.0	017	mg/L
95-48-7	o-Cresol		0.018J	0.0500	0.0	009	mg/L
CAS# S	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recover	y Rec L	imits.
4165-60-0 N	litrobenzene-d5	250	229	ug/L	9:	2 48	- 123
321-60-8 2	-Fluorobiphenyl	250	239	ug/L	9	6 16	- 128
1718-51-0 T	erphenyl-d14	250	182	ug/L	7	3 38	- 167
4165-62-2 P	Phenol-d5	500	219	ug/L	4	4 10	- 123
367-12-4 2	-Fluorophenol	500	287	ug/L	5	7 10	- 120
118-79-6 2	,4,6-Tribromophenol	500	532	ug/L	10	6 44	- 121

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21004122904	T6 MS	Water	04/06/2010 16:00	04/09/2010 12:06

#### TX1005 Hydrocarbons by Range

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	Ву	Analytical Batch	1
04/16/2010 14:	00 429379	TNRCC 1005	1	04/20/2010 11:47	SMH	429794	
CAS#	Parameter		Result	RDL		MDL	Units
GCSV-05-02	>C12-C28		26900	150		130	ug/L
GCSV-05-03	>C28-C35		150U	150		130	ug/L
GCSV-05-01	C6-C12		24700	150		112	ug/L
GCSV-05-04	Total TPH (C6-C35)		51600	150		112	ug/L
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Reco	overy Red	c Limits
84-15-1	o-Terphenyl	16600	19800	ua/L		119 5	8 - 148

#### SW-846 6010B TCLP

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	Ву	Analytical Batch	
04/15/2010 08	3:45 429492	SW-846 3010A	1	04/15/2010 20:55	CLB	429524	
CAS#	Parameter		Result	RDL		MDL	Units
7440-36-0	Antimony		0.47	0.060		0.0035	mg/L
7440-38-2	Arsenic		0.53	0.20		0.0030	mg/L
7440-39-3	Barium		2.82	1.00		0.00031	mg/L
7440-41-7	Beryllium		0.49	0.0050		0.000068	mg/L
7440-43-9	Cadmium		0.49	0.010		0.00016	mg/L
7440-47-3	Chromium		0.49	0.050		0.00032	mg/L
7439-92-1	Lead		0.49	0.10		0.0015	mg/L
7440-02-0	Nickel		0.96	0.040		0.0012	mg/L
7782-49-2	Selenium		0.50	0.10		0.0037	mg/L
7440-22-4	Silver		0.49	0.050		0.00058	mg/L

#### SW-846 7470A TCLP

<b>Prep Date</b> 04/15/2010 08:	<b>Prep Batch</b> :45 429494	Prep Method SW-846 7470A	Dilution 1	<b>Analyzed</b> 04/15/2010 11:58	By Ana TEA 4299	llytical Batch 521
CAS#	Parameter		Result	RDL	М	DL Units
7439-97-6	Mercury		0.00527	0.0020	0.0000	055 mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21004122905	T6 MSD	Water	04/06/2010 16:00	04/09/2010 12:06

Prep Date	Prep Batch	Prep Method	<b>Dilution</b> 100	<b>Analyzed</b> 04/15/2010 23:04	By Analytica RJU 429573	al Batch
CAS#	Parameter		Result	RDL	MDL	Units
75-35-4	1,1-Dichloroethene		4.42	0.500	0.016	mg/L
107-06-2	1,2-Dichloroethane		9.17	0.500	0.00860	mg/L
78-93-3	2-Butanone		3.60	2.50	0.00933	mg/L
71-43-2	Benzene		5.14	0.500	0.00542	mg/L
56-23-5	Carbon tetrachloride		4.44	0.500	0.015	mg/L
108-90-7	Chlorobenzene		4.51	0.500	0.00274	mg/L
67-66-3	Chloroform		7.36	0.500	0.00565	mg/L
127-18-4	Tetrachloroethene		4.57	0.500	0.012	mg/L
79-01-6	Trichloroethene		4.45	0.500	0.00618	mg/L
75-01-4	Vinyl chloride		4.34	0.500	0.00930	mg/L
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	5000	4910	ug/L	98	62 - 130
1868-53-7	Dibromofluoromethane	5000	4990	ug/L	100	65 - 127
2037-26-5	Toluene d8	5000	5100	ug/L	102	71 - 134
17060-07-0	1,2-Dichloroethane-d4	5000	4660	ug/L	93	62 - 127

#### SW-846 8270C TCLP

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By Analy	tical Batch
04/16/2010 08:0	0 429512	3510C	1	04/16/2010 15:00	KCB 42959	1
CAS#	Parameter		Result	RDL	MDL	. Units
106-46-7	1,4-Dichlorobenzene		0.470	0.0500	0.000	6 mg/L
95-95-4	2,4,5-Trichlorophenol		0.0500U	0.0500	0.000	6 mg/L
88-06-2	2,4,6-Trichlorophenol		0.0500U	0.0500	0.000	8 mg/L
121-14-2	2,4-Dinitrotoluene		0.527	0.0500	0.001	2 mg/L
1319-77-3	Cresols		0.034J	0.1000	0.002	4 mg/L
118-74-1	Hexachlorobenzene		0.0500U	0.0500	0.001	3 mg/L
87-68-3	Hexachlorobutadiene		0.0500U	0.0500	0.001	1 mg/L
67-72-1	Hexachloroethane		0.0500U	0.0500	0.005	5 mg/L
98-95-3	Nitrobenzene		0.0500U	0.0500	0.001	1 mg/L
87-86-5	Pentachlorophenol		0.424	0.2500	0.007	6 mg/L
110-86-1	Pyridine		0.0500U	0.0500	0.007	7 mg/L
1319-77-3MP	m,p-Cresol		0.014J	0.0500	0.001	7 mg/L
95-48-7	o-Cresol		0.020J	0.0500	0.000	9 mg/L
CAS# S	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
4165-60-0 N	litrobenzene-d5	250	244	ug/L	98	48 - 123
321-60-8 2	-Fluorobiphenyl	250	245	ug/L	98	16 - 128
1718-51-0 T	erphenyl-d14	250	181	ug/L	72	38 - 167
4165-62-2 F	Phenol-d5	500	222	ug/L	44	10 - 123
367-12-4 2	-Fluorophenol	500	307	ug/L	61	10 - 120
118-79-6 2	,4,6-Tribromophenol	500	512	ug/L	102	44 - 121

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21004122905	T6 MSD	Water	04/06/2010 16:00	04/09/2010 12:06

#### TX1005 Hydrocarbons by Range

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	Ву	Analytical Batch	1
04/16/2010 14:	:00 429379	TNRCC 1005	1	04/19/2010 18:19	SMH	429750	
CAS#	Parameter		Result	RDL		MDL	Units
GCSV-05-02	>C12-C28		27100	149		130	ug/L
GCSV-05-03	>C28-C35		149U	149		130	ug/L
GCSV-05-01	C6-C12		24300	149		111	ug/L
GCSV-05-04	Total TPH (C6-C35)		51400	149		111	ug/L
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Reco	overy Re	c Limits
84-15-1	o-Terphenyl	16500	20800	ua/L		126	58 - 148

#### SW-846 6010B TCLP

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	Ву	<b>Analytical Batch</b>	
04/15/2010 08:45 429492		SW-846 3010A 1	1	04/15/2010 21:02	CLB	429524	
CAS#	Parameter		Result	RDL		MDL	Units
7440-36-0	Antimony		0.49	0.060		0.0035	mg/L
7440-38-2	Arsenic		0.55	0.20		0.0030	mg/L
7440-39-3	Barium		2.99	1.00		0.00031	mg/L
7440-41-7	Beryllium		0.51	0.0050		0.000068	mg/L
7440-43-9	Cadmium		0.51	0.010		0.00016	mg/L
7440-47-3	Chromium		0.50	0.050		0.00032	mg/L
7439-92-1	Lead		0.51	0.10		0.0015	mg/L
7440-02-0	Nickel		1.01	0.040		0.0012	mg/L
7782-49-2	Selenium		0.51	0.10		0.0037	mg/L
7440-22-4	Silver		0.51	0.050		0.00058	mg/L

#### SW-846 7470A TCLP

<b>Prep Date</b> 04/15/2010 08	<b>Prep Batch</b> 3:45 429494	Prep Method SW-846 7470A	Dilution 1	<b>Analyzed</b> 04/15/2010 12:00	By Analyti TEA 429521	ical Batch
CAS#	Parameter		Result	RDL	MDL	Units
7439-97-6	Mercury		0.00526	0.0020	0.000055	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time	
21004122906	T13	Solid	04/07/2010 11:00	04/09/2010 12:06	

Prep Date	Prep Batch	Prep Method	Dilution 40	Analyzed 04/16/2010 01:50	By Analytica RJU 429573	al Batch
			40	04/10/2010 01:50	KJU 4295/3	
CAS#	Parameter		Result	RDL	MDL	Units
75-35-4	1,1-Dichloroethene		0.043J	0.200	0.00656	mg/L
107-06-2	1,2-Dichloroethane		1.42	0.200	0.00344	mg/L
78-93-3	2-Butanone		0.200U	0.200	0.00373	mg/L
71-43-2	Benzene		2.07	0.200	0.00217	mg/L
56-23-5	Carbon tetrachloride		0.200U	0.200	0.00592	mg/L
108-90-7	Chlorobenzene		0.200U	0.200	0.00110	mg/L
67-66-3	Chloroform		0.397	0.200	0.00226	mg/L
127-18-4	Tetrachloroethene		0.789	0.200	0.00484	mg/L
79-01-6	Trichloroethene		1.28	0.200	0.00247	mg/L
75-01-4	Vinyl chloride		0.068J	0.200	0.00372	mg/L
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	2000	2150	ug/L	108	62 - 130
1868-53-7	Dibromofluoromethane	2000	1950	ug/L	98	65 - 127
2037-26-5	Toluene d8	2000	2190	ug/L	110	71 - 134
17060-07-0	1,2-Dichloroethane-d4	2000	1810	ug/L	91	62 - 127

#### SW-846 6010B TCLP

Prep Date 04/15/2010 08	<b>Prep Batch</b> 8:45 429507	Prep Method SW-846 3010A	Dilution 1	Analyzed 04/15/2010 23:42	<b>By</b> CLB	Analytical Batch 429524	
CAS#	Parameter		Result	RDL		MDL	Units
7440-38-2	Arsenic		0.20U	0.20		0.0030	mg/L
7440-39-3	Barium		0.79B	1.00		0.00031	mg/L
7440-43-9	Cadmium		0.010U	0.010		0.00016	mg/L
7440-47-3	Chromium		0.050U	0.050		0.00032	mg/L
7439-92-1	Lead		0.0056B	0.10		0.0015	mg/L
7782-49-2	Selenium		0.037B	0.10		0.0037	mg/L
7440-22-4	Silver		0.0015B	0.050		0.00058	ma/L

#### SW-846 7470A TCLP

Prep Date 04/15/2010 08	<b>Prep Batch</b> 3:45 429508	Prep Method SW-846 7470A	Dilution 1	<b>Analyzed</b> 04/15/2010 12:20	By Analytical TEA 429521	Batch
CAS#	Parameter		Result	RDL	MDL	Units
7439-97-6	Mercury		0.0020U	0.0020	0.000055	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21004122906	T13	Solid	04/07/2010 11:00	04/09/2010 12:06

#### ASTM D240 Heat of Combustion

Prep Date 04/20/2010 08:00	Prep Batch 429779	Prep Method EPA 1010	Dilution 1	<b>Analyzed</b> 04/20/2010 08:00	<b>By</b> AEL	Analytical Batch 429780	
CAS#	Parameter		Result	RDL		MDL	Units
WET-014	Heat of Combustion		3459	90		90	BTU/lb

#### ASTM E203-96 WaterK

Prep Date	Prep Batch	Prep Method	Dilution 1	<b>Analyzed</b> 04/13/2010 09:38	<b>By</b> JEM	Analytical Batch 429420	l
CAS#	Parameter		Result	RDL		MDL	Units
W-02-8	Karl Fisher H20		49.3	0.100		0.036	%

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21004122907	T15	Solid	04/07/2010 16:00	04/09/2010 12:06

Prep Date	Prep Batch	Prep Method	<b>Dilution</b> 40	<b>Analyzed</b> 04/16/2010 02:14	By Analytica RJU 429573	ll Batch
CAS#	Parameter		Result	RDL	MDL	Units
75-35-4	1,1-Dichloroethene		0.200U	0.200	0.00656	mg/L
107-06-2	1,2-Dichloroethane		0.200U	0.200	0.00344	mg/L
78-93-3	2-Butanone		0.200U	0.200	0.00373	mg/L
71-43-2	Benzene		0.105J	0.200	0.00217	mg/L
56-23-5	Carbon tetrachloride		0.200U	0.200	0.00592	mg/L
108-90-7	Chlorobenzene		0.200U	0.200	0.00110	mg/L
67-66-3	Chloroform		0.200U	0.200	0.00226	mg/L
127-18-4	Tetrachloroethene		0.200U	0.200	0.00484	mg/L
79-01-6	Trichloroethene		0.200U	0.200	0.00247	mg/L
75-01-4	Vinyl chloride		0.200U	0.200	0.00372	mg/L
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	2000	2030	ug/L	102	62 - 130
1868-53-7	Dibromofluoromethane	2000	2020	ug/L	101	65 - 127
2037-26-5	Toluene d8	2000	2190	ug/L	110	71 - 134
17060-07-0	1,2-Dichloroethane-d4	2000	2140	ug/L	107	62 - 127

#### SW-846 1010 Flashpoint

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	Ву	Analytical Batc	h
			1	04/15/2010 13:42	MDT	429555	
CAS#	Parameter		Result	RDL		MDL	Units
000000-01-3	FlashPoint		>170	50		50	Deg F

#### ASTM D240 Heat of Combustion

Prep Date 04/20/2010 08:00	Prep Batch 429779	Prep Method EPA 1010	Dilution 1	<b>Analyzed</b> 04/20/2010 08:00	<b>By</b> AEL	Analytical Batch 429780	
CAS#	Parameter		Result	RDL		MDL	Units
WET-014	Heat of Combustion		17162	90		90	BTU/lb

#### ASTM E203-96 WaterK

Prep Date	Prep Batch	Prep Method	<b>Dilution</b> 1	<b>Analyzed</b> 04/13/2010 09:38	<b>By</b> JEM	Analytical Batch 429420	
CAS#	Parameter		Result	RDL		MDL	Units
W-02-8	Karl Fisher H20		0.100U	0.100		0.036	%

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21004122908	T16	Water	04/07/2010 12:00	04/09/2010 12:06

Prep Date	Prep Batch	Prep Method	<b>Dilution</b> 40	<b>Analyzed</b> 04/15/2010 23:52	By Analytica RJU 429573	ll Batch
CAS#	Parameter		Result	RDL	MDL	Units
75-35-4	1,1-Dichloroethene		0.200U	0.200	0.00656	mg/L
107-06-2	1,2-Dichloroethane		0.200U	0.200	0.00344	mg/L
78-93-3	2-Butanone		0.067J	1.00	0.00373	mg/L
71-43-2	Benzene		0.200U	0.200	0.00217	mg/L
56-23-5	Carbon tetrachloride		0.200U	0.200	0.00592	mg/L
108-90-7	Chlorobenzene		0.200U	0.200	0.00110	mg/L
67-66-3	Chloroform		0.200U	0.200	0.00226	mg/L
127-18-4	Tetrachloroethene		0.200U	0.200	0.00484	mg/L
79-01-6	Trichloroethene		0.200U	0.200	0.00247	mg/L
75-01-4	Vinyl chloride		0.200U	0.200	0.00372	mg/L
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	2000	2170	ug/L	109	62 - 130
1868-53-7	Dibromofluoromethane	2000	1830	ug/L	92	65 - 127
2037-26-5	Toluene d8	2000	2150	ug/L	108	71 - 134
17060-07-0	1,2-Dichloroethane-d4	2000	1790	ug/L	90	62 - 127

#### SW-846 8270C TCLP

Prep Date 04/16/2010 08:0	<b>Prep Batch</b> 0 429512	Prep Method 3510C	Dilution 1	<b>Analyzed</b> 04/16/2010 15:16	<b>By</b> KCB	Analytical Batch 429591	1
CAS#	Parameter		Result	RDL		MDL	Units
106-46-7	1,4-Dichlorobenzene		0.0500U	0.0500		0.0006	mg/L
95-95-4	2,4,5-Trichlorophenol		0.0500U	0.0500		0.0006	mg/L
88-06-2	2,4,6-Trichlorophenol		0.0500U	0.0500		0.0008	mg/L
121-14-2	2,4-Dinitrotoluene		0.0500U	0.0500		0.0012	mg/L
1319-77-3	Cresols		0.012J	0.1000		0.0024	mg/L
118-74-1	Hexachlorobenzene		0.0500U	0.0500		0.0013	mg/L
87-68-3	Hexachlorobutadiene		0.0500U	0.0500		0.0011	mg/L
67-72-1	Hexachloroethane		0.0500U	0.0500		0.0055	mg/L
98-95-3	Nitrobenzene		0.0500U	0.0500		0.0011	mg/L
87-86-5	Pentachlorophenol		0.2500U	0.2500		0.0076	mg/L
110-86-1	Pyridine		0.0500U	0.0500		0.0077	mg/L
1319-77-3MP	m,p-Cresol		0.00773J	0.0500		0.0017	mg/L
95-48-7	o-Cresol		0.00455J	0.0500		0.0009	mg/L
CAS# S	Surrogate	Conc. Spiked	Conc. Rec	Units	% Reco	very Re	c Limits
4165-60-0 N	Nitrobenzene-d5	250	241	ug/L		96	18 - 123
321-60-8 2	2-Fluorobiphenyl	250	285	ug/L		114	16 - 128
1718-51-0 T	erphenyl-d14	250	154	ug/L		62 3	38 - 167
4165-62-2 F	Phenol-d5	500	207	ug/L		41 1	10 - 123
367-12-4 2	2-Fluorophenol	500	210	ug/L		42	10 - 120
118-79-6 2	2,4,6-Tribromophenol	500	486	ug/L		97	14 - 121

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21004122908	T16	Water	04/07/2010 12:00	04/09/2010 12:06

### TX1005 Hydrocarbons by Range

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By Analytic	al Batch
04/16/2010 14:	:00 429379	TNRCC 1005	2	04/20/2010 12:16	SMH 429794	
CAS#	Parameter		Result	RDL	MDL	Units
GCSV-05-02	>C12-C28		97800	291	254	ug/L
GCSV-05-03	>C28-C35		49500	291	254	ug/L
GCSV-05-01	C6-C12		291U	291	218	ug/L
GCSV-05-04	Total TPH (C6-C35)		147000	291	218	ug/L
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
84-15-1	o-Terphenyl	16200	26400	ug/L	163*	58 - 148

#### SW-846 6010B TCLP

Prep Date 04/15/2010 08	<b>Prep Batch</b> 3:45 429492	Prep Method SW-846 3010A	Dilution 1	<b>Analyzed</b> 04/15/2010 21:43	By Analytic CLB 429524	al Batch
CAS#	Parameter		Result	RDL	MDL	Units
7440-36-0	Antimony		0.060U	0.060	0.0035	mg/L
7440-38-2	Arsenic		0.20U	0.20	0.0030	mg/L
7440-39-3	Barium		0.43B	1.00	0.00031	mg/L
7440-41-7	Beryllium		0.0050U	0.0050	0.000068	mg/L
7440-43-9	Cadmium		0.010U	0.010	0.00016	mg/L
7440-47-3	Chromium		0.013B	0.050	0.00032	mg/L
7439-92-1	Lead		0.0046B	0.10	0.0015	mg/L
7440-02-0	Nickel		0.060	0.040	0.0012	mg/L
7782-49-2	Selenium		0.0074B	0.10	0.0037	mg/L
7440-22-4	Silver		0.050U	0.050	0.00058	mg/L

#### SW-846 7470A TCLP

<b>Prep Date</b> 04/15/2010 08	<b>Prep Batch</b> 3:45 429494	Prep Method SW-846 7470A	Dilution 1	<b>Analyzed</b> 04/15/2010 12:06	<b>By</b> TEA	Analytical Batch 429521	
CAS#	Parameter		Result	RDL		MDL	Units
7439-97-6	Mercury		0.020U	0.020		0.00055	mg/L

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21004122909	T18	Solid	04/07/2010 10:00	04/09/2010 12:06

Prep Date	Prep Batch	Prep Method	<b>Dilution</b> 200	<b>Analyzed</b> 04/16/2010 00:16	By Analytica RJU 429573	al Batch
CAS#	Parameter		Result	RDL	MDL	Units
75-35-4	1,1-Dichloroethene		0.200U	0.200	0.033	mg/L
107-06-2	1,2-Dichloroethane		0.299	0.200	0.017	mg/L
78-93-3	2-Butanone		1.00U	1.00	0.019	mg/L
71-43-2	Benzene		0.200U	0.200	0.011	mg/L
56-23-5	Carbon tetrachloride		0.200U	0.200	0.030	mg/L
108-90-7	Chlorobenzene		0.200U	0.200	0.00548	mg/L
67-66-3	Chloroform		4.48	1.00	0.011	mg/L
127-18-4	Tetrachloroethene		0.200U	0.200	0.024	mg/L
79-01-6	Trichloroethene		0.200U	0.200	0.012	mg/L
75-01-4	Vinyl chloride		0.200U	0.200	0.019	mg/L
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	10000	10200	ug/L	102	62 - 130
1868-53-7	Dibromofluoromethane	10000	10200	ug/L	102	65 - 127
2037-26-5	Toluene d8	10000	8850	ug/L	89	71 - 134
17060-07-0	1,2-Dichloroethane-d4	10000	10000	ug/L	100	62 - 127

SW-846 1010 Flashpoint

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	Ву	Analytical Batc	h
			1	04/15/2010 13:42	MDT	429555	
CAS#	Parameter		Result	RDL		MDL	Units
000000-01-3	FlashPoint		>170	50		50	Deg F

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21004122911	T21	Water	04/07/2010 15:00	04/09/2010 12:06

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By Ana	lytical Batch
			500	04/16/2010 00:39	RJU 4295	573
CAS#	Parameter		Result	RDL	ME	DL Units
75-35-4	1,1-Dichloroethene		0.500U	0.500	0.0	82 mg/L
107-06-2	1,2-Dichloroethane		22.1	0.500	0.0	43 mg/L
78-93-3	2-Butanone		12.5U	12.5	0.0	47 mg/L
71-43-2	Benzene		1.16	0.500	0.0	27 mg/L
56-23-5	Carbon tetrachloride		0.500U	0.500	0.0	74 mg/L
108-90-7	Chlorobenzene		0.500U	0.500	0.0	14 mg/L
67-66-3	Chloroform		43.4	2.50	0.0	28 mg/L
127-18-4	Tetrachloroethene		0.500U	0.500	0.0	61 mg/L
79-01-6	Trichloroethene		0.500U	0.500	0.0	31 mg/L
75-01-4	Vinyl chloride		0.500U	0.500	0.0	47 mg/L
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	25000	26100	ug/L	104	62 - 130
1868-53-7	Dibromofluoromethane	25000	24700	ug/L	99	65 - 127
2037-26-5	Toluene d8	25000	23600	ug/L	94	71 - 134
17060-07-0	1,2-Dichloroethane-d4	25000	24100	ug/L	96	62 - 127

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21004122910	T19	Solid	04/07/2010 13:00	04/09/2010 12:06

Prep Date	Prep Batch	Prep Method	Dilution 40	Analyzed 04/16/2010 02:37	By Analyti RJU 429573	ical Batch
CAS#	Parameter		Result	RDL	MDL	Units
75-35-4	1,1-Dichloroethene		0.200U	0.200	0.00656	mg/L
107-06-2	1,2-Dichloroethane		0.051J	0.200	0.00344	-
78-93-3	2-Butanone		0.200U	0.200	0.00373	mg/L
71-43-2	Benzene		1.55	0.200	0.00217	mg/L
56-23-5	Carbon tetrachloride		0.200U	0.200	0.00592	mg/L
108-90-7	Chlorobenzene		0.200U	0.200	0.00110	mg/L
67-66-3	Chloroform		0.048J	0.200	0.00226	mg/L
127-18-4	Tetrachloroethene		0.200U	0.200	0.00484	mg/L
79-01-6	Trichloroethene		0.047J	0.200	0.00247	mg/L
75-01-4	Vinyl chloride		0.200U	0.200	0.00372	mg/L
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	2000	1920	ug/L	96	62 - 130
1868-53-7	Dibromofluoromethane	2000	2030	ug/L	102	65 - 127
2037-26-5	Toluene d8	2000	1830	ug/L	92	71 - 134
17060-07-0	1,2-Dichloroethane-d4	2000	1670	ug/L	84	62 - 127

SW-846 1010 Flashpoint

	I						
Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	Ву	Analytical Bato	h
			1	04/15/2010 13:42	MDT	429555	
CAS#	Parameter		Result	RDL		MDL	Units
000000-01-3	FlashPoint		>170	50		50	Deg F

RESULTS REPORTED ON A WET WEIGHT BASIS

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21004122912	T22	Solid	04/07/2010 10:15	04/09/2010 12:06

Prep Date	Prep Batch	Prep Method	<b>Dilution</b> 40	<b>Analyzed</b> 04/16/2010 01:03	By Analytica RJU 429573	al Batch
CAS#	Parameter		Result	RDL	MDL	Units
75-35-4	1,1-Dichloroethene		0.200U	0.200	0.00656	mg/L
107-06-2	1,2-Dichloroethane		0.200U	0.200	0.00344	mg/L
78-93-3	2-Butanone		0.200U	0.200	0.00373	mg/L
71-43-2	Benzene		0.200U	0.200	0.00217	mg/L
56-23-5	Carbon tetrachloride		0.200U	0.200	0.00592	mg/L
108-90-7	Chlorobenzene		0.200U	0.200	0.00110	mg/L
67-66-3	Chloroform		0.052J	0.200	0.00226	mg/L
127-18-4	Tetrachloroethene		0.200U	0.200	0.00484	mg/L
79-01-6	Trichloroethene		0.200U	0.200	0.00247	mg/L
75-01-4	Vinyl chloride		0.200U	0.200	0.00372	mg/L
CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
460-00-4	4-Bromofluorobenzene	2000	2040	ug/L	102	62 - 130
1868-53-7	Dibromofluoromethane	2000	2020	ug/L	101	65 - 127
2037-26-5	Toluene d8	2000	1980	ug/L	99	71 - 134
17060-07-0	1,2-Dichloroethane-d4	2000	1870	ug/L	94	62 - 127

#### SW-846 8270C TCLP

<b>Prep Date</b> 04/16/2010 08:0	<b>Prep Batch</b> 00 429512	Prep Method 3510C	Dilution 1	<b>Analyzed</b> 04/16/2010 15:32	-	nalytical Batch 9591
CAS#	Parameter		Result	RDL	ı	MDL Unit
106-46-7	1,4-Dichlorobenzene		0.0500U	0.0500	0.	0006 mg/
95-95-4	2,4,5-Trichlorophenol		0.0500U	0.0500	0.	0006 mg/
88-06-2	2,4,6-Trichlorophenol		0.0500U	0.0500	0.	0008 mg/
121-14-2	2,4-Dinitrotoluene		0.0500U	0.0500	0.	0012 mg/
1319-77-3	Cresols		0.1000U	0.1000	0.	0024 mg/
118-74-1	Hexachlorobenzene		0.0500U	0.0500	0.	0013 mg/
87-68-3	Hexachlorobutadiene		0.0500U	0.0500	0.	0011 mg/
67-72-1	Hexachloroethane		0.0500U	0.0500	0.	0055 mg/
98-95-3	Nitrobenzene		0.0500U	0.0500	0.	0011 mg/
87-86-5	Pentachlorophenol		0.2500U	0.2500	0.	0076 mg/
110-86-1	Pyridine		0.0500U	0.0500	0.	0077 mg/
1319-77-3MP	m,p-Cresol		0.0500U	0.0500	0.	0017 mg/
95-48-7	o-Cresol		0.0500U	0.0500	0.	0009 mg/
CAS# S	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recover	ry Rec Limit
4165-60-0 N	Nitrobenzene-d5	250	244	ug/L	g	98 48 - 12
321-60-8 2	2-Fluorobiphenyl	250	247	ug/L	9	99 16 - 12
1718-51-0 T	Γerphenyl-d14	250	182	ug/L	7	73 38 - 16
4165-62-2 F	Phenol-d5	500	211	ug/L	2	10 - 12
367-12-4 2	2-Fluorophenol	500	313	ug/L	6	3 10 - 12
118-79-6 2	2,4,6-Tribromophenol	500	512	ug/L	10	)2 44 - 12

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21004122912	T22	Solid	04/07/2010 10:15	04/09/2010 12:06

#### SW-846 6010B TCLP

Prep Date 04/15/2010 08	<b>Prep Batch</b> 3:45 429507	Prep Method SW-846 3010A	Dilution 1	<b>Analyzed</b> 04/15/2010 23:56	By Anal CLB 4295	ytical Batch 24
CAS#	Parameter		Result	RDL	MD	L Units
7440-38-2	Arsenic		0.20U	0.20	0.00	30 mg/L
7440-39-3	Barium		0.47B	1.00	0.000	31 mg/L
7440-43-9	Cadmium		0.010U	0.010	0.000	16 mg/L
7440-47-3	Chromium		0.050U	0.050	0.0003	32 mg/L
7439-92-1	Lead		0.0028B	0.10	0.00	15 mg/L
7782-49-2	Selenium		0.041B	0.10	0.00	37 mg/L
7440-22-4	Silver		0.0036B	0.050	0.000	58 mg/L

#### SW-846 7470A TCLP

Prep Date 04/15/2010 08	<b>Prep Batch</b> 3:45 429508	Prep Method SW-846 7470A	Dilution 1	<b>Analyzed</b> 04/15/2010 12:14	By Analyt TEA 429521	ical Batch I
CAS#	Parameter		Result	RDL	MDL	Units
7439-97-6	Mercury		0.0020U	0.0020	0.000055	5 mg/L

#### SW-846 1010 Flashpoint

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	Ву	Analytical Bato	h
	-		1	04/15/2010 13:42	MDT	429555	
CAS#	Parameter		Result	RDL		MDL	Units
000000-01-3	FlashPoint		>170	50		50	Deg F

RESULTS REPORTED ON A WET WEIGHT BASIS

## GC/MS Volatiles Quality Control Summary

Analytical Bate	ch 429573	Client ID	Client ID MB429573  GCAL ID 819322			LCS429573			LCSD429573			
Prep Bate	ch N/A	GCAL ID	819322			819323			819324			
		Sample Type	Method Blank			LCS			LCSD			
		Analytical Date	04/15/2010 20:57			04/15/2010 19:11			04/15/2010 19:34			
		Matrix	Water			Water			Water			
6//	046 9260B	TCLD	Units	mg/L	Spike	Decult		Control	Decult			RPD
300	SW-846 8260B TCLP		Result	RDL	Added	Result % R		Limits % R	Result	% R	RPD	Limit
56-23-5	Carbon tetrach	loride	0.00500U	0.00500	0.050	0.045	90	76 - 128	0.048	97	6	30
67-66-3	Chloroform		0.00500U	0.00500	0.050	0.045	91	75 - 122	0.049	99	9	30
107-06-2	1,2-Dichloroeth	ane	0.00500U	0.00500	0.050	0.045	89	71 - 129	0.048	96	6	30
78-93-3	2-Butanone		0.025U	0.025	0.050	0.042	84	58 - 137	0.048	95	13	30
127-18-4	Tetrachloroethe	ene	0.00500U	0.00500	0.050	0.048	95	68 - 128	0.048	96	0	30
75-01-4	Vinyl chloride		0.00100U	0.00100	0.050	0.041	83	68 - 132	0.046	92	11	30
75-35-4	1,1-Dichloroeth	ene	0.00500U	0.00500	0.050	0.045	90	69 - 129	0.046	91	2	20
71-43-2	Benzene		0.00500U	0.00500	0.050	0.046	91	70 - 129	0.050	100	8	20
79-01-6	Trichloroethene	9	0.00500U	0.00500	0.050	0.048	96	76 - 129	0.049	98	2	20
108-90-7	Chlorobenzene	:	0.00500U	0.00500	0.050	0.046	91	74 - 123	0.052	103	12	20
Surrogate												
460-00-4	4-Bromofluorob	enzene	46.8	94	50	48.4	97	62 - 130	45.9	92		
1868-53-7	Dibromofluoron	nethane	49	98	50	49.4	99	65 - 127	48.7	97		
2037-26-5	Toluene d8		46.8	94	50	48.9	98	71 - 134	44.5	89		
17060-07-0	1,2-Dichloroeth	ane-d4	46.2	92	50	48.8	98	62 - 127	46	92		

Analytical Ba	atch 429573	Client ID	T6			T6 MS			T6 MSD			
Prep Ba	atch N/A	GCAL ID	21004122903			21004122904			21004122905			
		Sample Type	SAMPLE			MS			MSD			
		Analytical Date	04/15/2010 21:35						04/15/2010 23:04			
		Matrix	Water						Water			
SV	SW-846 8260B TCLP		Units	mg/L	Spike	Result		Control	Result			RPD
SW-846 8260B TCLP		Result	RDL	Added	Result	% R	Limits % R	Result	% R	RPD	Limit	
75-35-4	35-4 1,1-Dichloroethene		0.00	0.500	5.00	4.26	85	69 - 129	4.42	88	4	30
107-06-2	1,2-Dichloroeth	ane	6.91	0.500	5.00	10.6	74	71 - 129	9.17	45*	14	30
78-93-3	2-Butanone		0.00	2.50	5.00	3.58	72	58 - 137	3.60	72	0.6	30
71-43-2	Benzene		0.802	0.500	5.00	5.24	89	70 - 129	5.14	87	2	30
56-23-5	Carbon tetrach	loride	0.00	0.500	5.00	4.24	85	76 - 128	4.44	89	5	30
108-90-7			0.00	0.500	5.00	4.40	88	74 - 123	4.51	90	2	30
67-66-3	Chloroform		5.36	0.500	5.00	8.71	67*	75 - 122	7.36	40*	17	30
127-18-4	Tetrachloroethe	ene	0.00	0.500	5.00	4.64	93	68 - 128	4.57	91	2	30
79-01-6	Trichloroethene	9	0.245	0.500	5.00	4.57	87	76 - 129	4.45	84	3	30

## GC/MS Volatiles Quality Control Summary

Analytical Batc	<b>h</b> 429573	Client ID	T6			T6 MS			T6 MSD			
Prep Bato	h N/A	GCAL ID	21004122903			21004122904			21004122905			
		Sample Type	SAMPLE			MS			MSD			
		Analytical Date	04/15/2010 21:35			04/15/2010 22:42			04/15/2010 23:04			
	Matr		Water			Water			Water			
S/W	SW-846 8260B TCLP		Units	mg/L	Spike	Result		Control	Result			RPD
344	5W-846 8260B TCLP		Result	RDL	Added	Result	% R	Limits % R	Result	% R	RPD	Limit
75-01-4	75-01-4 Vinyl chloride		0.00	0.100	5.00	4.37	87	68 - 132	4.34	87	0.7	30
Surrogate												
460-00-4	4-Bromofluorob	enzene	5020	100	5000	5030	101	62 - 130	4910	98		
1868-53-7	Dibromofluoron	nethane	5010	100	5000	4800	96	65 - 127	4990	100		
2037-26-5	Toluene d8		5010	100	5000	4980	100	71 - 134	5100	102		
17060-07-0	1,2-Dichloroeth	ane-d4	4600	92	5000	4610	92	62 - 127	4660	93		

## GC/MS Semi-Volatiles Quality Control Summary

Analytical Batcl	n 429591	Client ID	MB429512			LCS429512			LCSD429512			
Prep Batcl	n 429512	GCAL ID	818949			818950			818951			
Prep Method	d 3510C	Sample Type	Method Blank			LCS			LCSD			
		Prep Date	04/16/2010 08:00			04/16/2010 08:00			04/16/2010 08:00			
		Analytical Date	04/16/2010 13:10			04/16/2010 13:25			04/16/2010 13:41			
		Matrix	Water			Water			Water			
S/W	846 8270C	TCLD	Units	mg/L	Spike	Result		Control	Result			RPD
344-	040 02700	ICLP	Result	RDL	Added	Result	% R	Limits % R	Result	% R	RPD	Limit
118-74-1	Hexachloroben	zene	0.0500U	0.0500								
87-68-3	Hexachlorobuta	adiene	0.0500U	0.0500								
67-72-1	Hexachloroetha	ane	0.0500U	0.0500								
95-48-7	o-Cresol		0.0500U	0.0500								
98-95-3	Nitrobenzene		0.0500U	0.0500								
95-95-4	2,4,5-Trichloro	ohenol	0.0500U	0.0500								
88-06-2	2,4,6-Trichloro	ohenol	0.0500U	0.0500								
110-86-1	Pyridine		0.0500U	0.0500								
1319-77-3	Cresols		0.1000U	0.1000								
1319-77-3MP	m,p-Cresol		0.0500U	0.0500								
106-46-7	1,4-Dichlorober	nzene	0.0500U	0.0500	0.100	0.095	95	22 - 120	0.086	86	10	30
121-14-2	2,4-Dinitrotolue	ene	0.0500U	0.0500	0.100	0.110	110	37 - 138	0.108	108	2	33
87-86-5	Pentachlorophe	enol	0.2500U	0.2500	0.100	0.070	70	25 - 158	0.074	74	6	32
Surrogate												
4165-60-0	Nitrobenzene-c	15	41.5	83	50	50.5	101	48 - 123	47.4	95		
321-60-8	2-Fluorobiphen	yl	40.6	81	50	50.6	101	16 - 128	44.6	89		
1718-51-0	Terphenyl-d14		31.8	64	50	39.2	78	38 - 167	36.6	73		
4165-62-2	Phenol-d5		28.8	29	100	35.4	35	10 - 123	33.2	33		
367-12-4	2-Fluorophenol		44.5	45	100	52.2	52	10 - 120	45.7	46		
118-79-6	2,4,6-Tribromo	phenol	93.8	94	100	112	112	44 - 121	106	106		

Analytical Bato	<b>h</b> 429591	Client ID	T6			T6 MS			T6 MSD			
Prep Bato	<b>h</b> 429512	GCAL ID	21004122903			21004122904			21004122905			
Prep Metho	<b>d</b> 3510C	Sample Type	SAMPLE			MS			MSD			
		Prep Date	04/16/2010 08:00						04/16/2010 08:00			
		Analytical Date	04/16/2010 14:28			04/16/2010 14:44			04/16/2010 15:00			
		Matrix	Water			Water			Water			
SW	846 82700	TCLD	Units	mg/L	Spike	Result		Control	Result			RPD
344	SW-846 8270C TCLP		Result	RDL	Added	Result	% R	Limits % R	Result	% R	RPD	Limit
106-46-7	1,4-Dichlorobe	enzene	0.00 0.0500 0.500		0.414	83	22 - 120	0.470	94	13	30	
121-14-2	2,4-Dinitrotolu	ene	0.00 0.0500 0.500		0.527	105	37 - 138	0.527	105	0	33	

## GC/MS Semi-Volatiles Quality Control Summary

Analytical Batcl	h 429591	Client ID	T6			T6 MS			T6 MSD			
Prep Batcl	h 429512	GCAL ID	21004122903			21004122904			21004122905			
Prep Method	d 3510C	Sample Type	SAMPLE			MS			MSD			
		Prep Date	04/16/2010 08:00			04/16/2010 08:00			04/16/2010 08:00			
		Analytical Date	04/16/2010 14:28			04/16/2010 14:44			04/16/2010 15:00			
		Matrix	Water			Water			Water			
SW-846 8270C TCLP		TCLD	Units	mg/L	Spike	Pasult		Control	Deculé			RPD
300-	SW-846 8270C TCLP		Result	RDL	Added	Result	% R	Limits % R	Result	% R	RPD	Limit
87-86-5	Pentachlorophe	enol	0.00	0.2500	0.500	0.403	81	25 - 158	0.424	85	5	32
Surrogate												
4165-60-0	Nitrobenzene-c	15	218	87	250	229	92	48 - 123	244	98		
321-60-8	2-Fluorobiphen	yl	212	85	250	239	96	16 - 128	245	98		
1718-51-0	Terphenyl-d14		174	70	250	182	73	38 - 167	181	72		
4165-62-2	Phenol-d5		227	45	500	219	44	10 - 123	222	44		
367-12-4	2-Fluorophenol		311	62	500	287	57	10 - 120	307	61		
118-79-6	2,4,6-Tribromo	phenol	496	99	500	532	106	44 - 121	512	102		

## General Chromatography Quality Control Summary

Analytical Batch	429750	Client ID	MB429379			LCS429379			L	.CSD429379			
Prep Batch	429379	GCAL ID	818201			818202			8	318203			
Prep Method	TNRCC 1005	Sample Type	Method Blank			LCS			L	.CSD			
		Prep Date	04/16/2010 14:00			04/16/2010 14:00			04	4/16/2010 14:00			
		<b>Analytical Date</b>	04/16/2010 14:07			04/16/2010 14:37			04	4/16/2010 15:08			
		Matrix	Water			Water			W	Vater			
TV1005 UV	X1005 Hydrocarbons by Range		Units	ug/L	Spike	Result		Control		Result			RPD
1 X 1005 Hy	「X1005 Hydrocarbons by Range		Result	RDL	Added	Result	% R	Limits %	R	Result	% R	RPD	Limit
GCSV-05-01	C6-C12		142U	142									
GCSV-05-02	>C12-C28		142U	142									
GCSV-05-03	>C28-C35		142U	142									
GCSV-05-04	Total TPH (C6-	C35)	142U	142	57700	47400	82	75 - 1	25	45200	78	5	20
Surrogate													
84-15-1	o-Terphenyl		20300	128	16000	18600	116	58 - 1	48	17000	105		

Analytical Batch	429794	Client ID	T6			T6 MS			T6 MSD			
Prep Batch	429379	GCAL ID	21004122903			21004122904			21004122905			
Prep Method	TNRCC 1005	Sample Type	SAMPLE			MS			MSD			
		Prep Date	04/16/2010 14:00						04/16/2010 14:00			
		<b>Analytical Date</b>	04/20/2010 11:18			04/20/2010 11:47			04/19/2010 18:19			
		Matrix	Water			Water			Water			
TV1005 Uv	drocarboi	ns by Range	Units	ug/L	Spike	Result		Control	Result			RPD
1 X 1003 Hy	urocarboi	is by Kallye	Result	RDL	Added	Result	% R	Limits % R	Result	% R	RPD	Limit
GCSV-05-04	Total TPH (C6-	C35)	0.00	145	59800	51600	86	75 - 125	51400	86	0.4	20
Surrogate												
84-15-1	o-Terphenyl		18000	112	16600	19800	119	58 - 148	20800	126		

Analytical Batch	429524	Client ID	MB429492			LCS429492		
Prep Batch	429492	GCAL ID	818811			818812		
Prep Method	SW-846	Sample Type	Method Blank			LCS		
	3010A	Prep Date	04/15/2010 08:45			04/15/2010 08:45		
		Analytical Date	04/15/2010 20:21			04/15/2010 20:42		
		Matrix	Water			Water		
S/W/S	346 6010B	TCLD	Units	mg/L	Spike	Result		Control
344-0	740 00 10D	ICLF	Result	RDL	Added	Result	% R	Limits % R
7440-36-0	Antimony		0.060U	0.060	0.50	0.50	100	80 - 120
7440-38-2	Arsenic		0.20U	0.20	0.50	0.54	107	80 - 120
7440-39-3	Barium		1.00U	1.00	0.50	0.53	106	80 - 120
7440-41-7	Beryllium		0.0050U	0.0050	0.50	0.52	104	80 - 120
7440-43-9	Cadmium		0.010U	0.010	0.50	0.53	106	80 - 120
7440-47-3	Chromium		0.00091B	0.050	0.50	0.53	106	80 - 120
7439-92-1	Lead		0.10U	0.10	0.50	0.54	109	80 - 120
7440-02-0	Nickel		0.040U	0.040	0.50	0.53	106	80 - 120
7782-49-2	Selenium		0.10U	0.10	0.50	0.53	106	80 - 120
7440-22-4	Silver		0.050U	0.050	0.50	0.53	106	80 - 120

Analytical Batch	429524	Client ID	MB429507			LCS429507		
Prep Batch	429507	GCAL ID	818922			818923		
Prep Method	SW-846	Sample Type	Method Blank			LCS		
	3010A	Prep Date	04/15/2010 08:45			04/15/2010 08:45		
		Analytical Date	04/15/2010 23:28			04/15/2010 23:35		
		Matrix	Water			Water		
6/W	946 6040D	TCLD	Units	mg/L	Spike	Result		Control
344-	SW-846 6010B TCLP		Result	RDL	Added	Result	% R	Limits % R
7440-38-2	Arsenic		0.20U	0.20	0.50	0.51	102	80 - 120
7440-39-3	Barium		0.0012B	1.00	0.50	0.50	99	80 - 120
7440-43-9	Cadmium		0.010U	0.010	0.50	0.52	104	80 - 120
7440-47-3	Chromium		0.050U	0.050	0.50	0.50	99	80 - 120
7439-92-1	Lead		0.10U	0.10	0.50	0.50	99	80 - 120
7782-49-2	Selenium		0.032B	0.10	0.50	0.59	118	80 - 120
7440-22-4	Silver		0.0030B	0.050	0.50	0.51	102	80 - 120

Analytical Batch	429524	Client ID	T6			T6 MS			T6 MSD			
Prep Batch	429492	GCAL ID	21004122903			21004122904			21004122905			
Prep Method	SW-846	Sample Type	SAMPLE			MS			MSD			
	3010A	Prep Date	04/15/2010 08:45			04/15/2010 08:45			04/15/2010 08:45			
		Analytical Date	04/15/2010 20:48			04/15/2010 20:55			04/15/2010 21:02			
		Matrix	Water			Water			Water			
S/W/S	SW-846 6010B TCLP		Units	mg/L	Spike	Result		Control	Result			RPD
344-0	40 00 100	ICLF	Result	RDL	Added	Result	% R	Limits % R	Result	% R	RPD	Limit
7440-36-0	Antimony		0.0	0.060	0.50	0.47	94	75 - 125	0.49	98	4	20
7440-38-2	Arsenic		0.016	0.20	0.50	0.53	102	75 - 125	0.55	106	4	20
7440-39-3	Barium		2.42	1.00	0.50	2.82	80	75 - 125	2.99	115	6	20
7440-41-7	Beryllium		0.0	0.0050	0.50	0.49	98	75 - 125	0.51	101	4	20
7440-43-9	Cadmium		0.0058	0.010	0.50	0.49	97	75 - 125	0.51	100	4	20
7440-47-3	Chromium		0.0021	0.050	0.50	0.49	97	75 - 125	0.50	100	2	20
7439-92-1	Lead		0.013	0.10	0.50	0.49	96	75 - 125	0.51	100	4	20
7440-02-0	Nickel		0.50	0.040	0.50	0.96	92	75 - 125	1.01	102	5	20
7782-49-2	Selenium		0.0	0.10	0.50	0.50	100	75 - 125	0.51	102	2	20
7440-22-4	Silver		0.0	0.050	0.50	0.49	98	75 - 125	0.51	103	4	20

Analytical Batch	429524	Client ID	MARCH 2010 CHIP	SAMPLE		817987MS			817987MSD			
Prep Batch	429507	GCAL ID	21004122401			818925			818924			
Prep Method	SW-846	Sample Type	SAMPLE			MS			MSD			
	3010A	Prep Date	04/15/2010 08:45			04/15/2010 08:45			04/15/2010 08:45			
		Analytical Date	04/15/2010 22:04			04/15/2010 22:11			04/15/2010 22:18			
		Matrix	Solid			Solid			Solid			
SW-846 6010B TCLP		Units	mg/L	Spike	Result		Control	Result			RPD	
344-	340 00 100	ICLF	Result	RDL	Added	% R		Limits % R	Result	% R	RPD	Limit
7440-38-2	Arsenic		0.0	0.20	0.50	0.52	103	75 - 125	0.51	102	2	20
7440-39-3	Barium		0.21	1.00	0.50	0.71	101	75 - 125	0.72	102	1	20
7440-43-9	Cadmium		0.00041	0.010	0.50	0.53	105	75 - 125	0.52	105	2	20
7440-47-3	Chromium		0.0	0.050	0.50	0.50	101	75 - 125	0.50	101	0	20
7439-92-1	Lead		2.55	0.10	0.50	3.06	102	75 - 125	3.07	104	0.3	20
7782-49-2	Selenium		0.020	0.10	0.50	0.60	116	75 - 125	0.58	113	3	20
7440-22-4	Silver		0.048	0.050	0.50	0.57	105	75 - 125	0.58	106	2	20

Analytical Batch	429521	Client ID	MB429494			LCS429494		
Prep Batch	429494	GCAL ID	818820			818821		
Prep Method	SW-846	Sample Type	Method Blank			LCS		
	7470A	Prep Date	04/15/2010 08:45	04/15/2010 08:45				
		Analytical Date	04/15/2010 11:53			04/15/2010 11:55		
		Matrix	Water			Water		
S/W/ 9	SW-846 7470A TCLP			mg/L	Spike	Result		Control
344-040 /4/UA TCLP			Result	RDL	Added	Result	% R	Limits % R
7439-97-6	Mercury		0.0020U	0.0020	0.00500	0.00504	101	80 - 120

Analytical Batch	429521	Client ID	MB429508			LCS429508		
Prep Batch	429508	GCAL ID	818928			818929		
Prep Method	SW-846	Sample Type	Method Blank			LCS		
	7470A	Prep Date	04/15/2010 08:45			04/15/2010 08:45		
		Analytical Date	04/15/2010 12:08			04/15/2010 12:13		
		Matrix	Water			Water		
SW-846 7470A TCLP			Units	mg/L	Spike	Result		Control
			Result	RDL	Added	Result	% R	Limits % R
7439-97-6	Mercury		0.0020U	0.0020	0.00500	0.00482	96	80 - 120

Analytical Batch	429521	Client ID	T6			T6 MS			T6 MSD			
Prep Batch	429494	GCAL ID	21004122903			21004122904			21004122905			
Prep Method	SW-846	Sample Type	SAMPLE			MS			MSD			
	7470A	Prep Date	04/15/2010 08:45			04/15/2010 08:45			04/15/2010 08:45			
		Analytical Date	04/15/2010 11:56			04/15/2010 11:58			04/15/2010 12:00			
		Matrix	Water			Water			Water			
SW-846 7470A TCLP		Units	mg/L	Spike	Result		Control	Result			RPD	
344-040 /4/0A TCLP			Result	RDL	Added	Result	% R		Result	% R	RPD	Limit
7439-97-6	Mercury		0.00011	0.0020	0.00500	0.00527	103	75 - 125	0.00526	103	0.2	20

Analytical Batch	429521	Client ID	T22			818046MS			818046MSD			
Prep Batch	429508	GCAL ID	21004122912			818930			818931			
Prep Method	SW-846	Sample Type	SAMPLE			MS			MSD			
	7470A	Prep Date	04/15/2010 08:45			04/15/2010 08:45			04/15/2010 08:45			
		Analytical Date	04/15/2010 12:14			04/15/2010 12:16			04/15/2010 12:17			
		Matrix	Solid			Solid			Solid			
SW-846 7470A TCLP			Units	mg/L	Spike	Result		Control	Result			RPD
300-040 /4/0A TCLP			Result	RDL	Added	Result	% R	Limits % R	Result	% R	RPD	Limit
7439-97-6	Mercury		0.00000	0.0020	0.00500	0.00512	102	75 - 125	0.00508	102	0.8	20

## General Chemistry Quality Control Summary

Analytical Batch 429555	Client ID	LCS429555								
Prep Batch N/A	GCAL ID	820399								
	Sample Type	LCS								
	Analytical Date	04/15/2010 13:42								
	Matrix	Solid								
SW-846 1010 Fla	schnoint	Spike	Result		Control					
3VV-040 1010 F12	Added	Result	% R	Limits % R						
000000-01-3 FlashPoint		90	91	101	97.8 -102.2					

## General Chemistry Quality Control Summary

Analytical Batch	429780	Client ID	OIL BURN		817500DUP		
Prep Batch	429779	GCAL ID	21004091501		820745		
Prep Method	EPA 1010	Sample Type	SAMPLE		DUP		
		Prep Date	04/20/2010 08:00		04/20/2010 08:00		
		Analytical Date	04/20/2010 08:00		04/20/2010 08:00		
		Matrix	Solid		Solid		
ASTM D240	ASTM D240 Heat of Combustion			BTU/lb	Result		RPD
ASTWI D240 Heat Of Combustion			Result	RDL	Result	RPD	Limit
WET-014	Heat of Combu	stion	14197	90	13388	6	25

## General Chemistry Quality Control Summary

Analytical Batch 429420	Client ID	126127	816248DUP			
Prep Batch N/A	GCAL ID	21004061901	818415			
	Sample Type	SAMPLE		DUP		
	Analytical Date	04/13/2010 09:38	04/13/2010 09:38			
	Matrix	Solid	Solid			
ASTM E203-96 WaterK		Units	%	Result		RPD
ASTIVI EZUS-S	o watern	Result	RDL	Result	RPD	Limit
W-02-8 Karl Fisher	120	11.2	0.100	11.7	4.37	25

# GCAL ...

### CHAIN OF CUSTODY RECORD

GULT COAST ANALYTICAL LABORATORIES, MK 7070 CSRF Asserse Batter Bourse   Incissans 70820-7403	Lab use only	Cu	lumb ac	m V	24.42	210041275	4-20-10
7979 GSRI Avenue, Baton Rouge, Louisiana 78826-7402 Phone 225-769-4900 + Fax 225-767-5717		Client Name			Client #	Workerder #	Due Date
Report to:  Client Clumbic End Services  Address: 13222 Recuston  Houston, TX 77037  Contact: Tony Mag.  Phone: 113-848-4645  Fax: 281-442-1117	Client: Second Address:  Contact: Phone: Fax:	II to: ورق		0489 A	SOS TOTAL	ethod  Lab use only:  Custody Seal  used  yes in tact yes  Temperature *C	
P.O. Number   O-400-CO   Culsco Mo   Sampled By:   Tonu Mana'   Date   Time	Bettern	Preservat	tainers	1018 JAP	PKRA 8	S Remarks:	Lab ID
19 46 1200 X T2 300 X T4		ice	35	XX	X	gew ms/msD	3 95
4/7/100 TIS			323	XXX			7 8
1000 T18 1300 T19 1500 T21			222	X	×		10
U U 1015 V TAZ		V	1	XX	XX		172
	Speller date 1		Al my di Anhagi				
Feelinguished by (Signature) Received by	3 days 1 week y: (Signature) y: (Signature)	Date: USta	Time:	Other			
Redinquished by: (Signature) Received b	y: (Signature)	Date:	Time:	By submitting conditions co	these samples, you agr	ree to the terms and int schadule of services.	

DATA VALIDATION CE	IECKLIS	ST		
(Level III)	IECKLI	<b>31</b>		
Client Name: Pastor, Behling, & Wheeler	Project Number: 1597B			
Property Location: Gulfco Superfund Site	Project Manager: Eric Pastor			
Laboratory: GCAL – Baton Rouge, LA				1011405
	1			1011403
Reviewer: Taryn Scholz/ Don Flory (QAA, L.L.C.)		necked: 2		
ITEM	Yes	No	NA	Comment Number
Chain of Custody (COC) and Sample Receipt at Lab		1		T
1. Signed COCs included and seals used?	X			
2. Date and time of sample collection included?	X			
3. All samples listed on the COC analyzed for in accordance with the RI/FS Work Plan?			X	
4. Field QC sample frequency met project requirements?	Х			
5. Sample receipt temperature 2-6°C?	X			
6. Samples preserved appropriately?	X			
7. Samples received within 2 days of collection?	X			
8. No problems noted?	X			
Laboratory Report and Data Package	Λ	1		
9. Signed Case Narrative included?	х			
10. No analytical discrepancies noted in case narrative?	A	х		10.
11. Elevated reporting limits justified?	х	Λ		11.
12. MDLs reasonable per MDL Check?	X			11.
13. Calibration data acceptable?	A	х		see Attachment 1
14. ICV and CCV recoveries within project control limits?		X		see Attachment 1
15. ICB and CCB results <rl (mql)?<="" td=""><td></td><td>A</td><td>X</td><td>See 7 teachment 1</td></rl>		A	X	See 7 teachment 1
16. Internal standard areas within project control limits?	Х		A	
Laboratory EDD		1		
17. Field sample IDs included?	Х			
18. Laboratory sample IDs included?	X			
19. Date of analysis included?	X			
20. Date of sample preparation included?	Х			20.
21. Samples prepared within holding time?	Х			
22. Samples analyzed within holding time?	Х			
23. Detection limit and quantitation limit included?	Х			
24. Project target limits achieved?		Х		24.
25. No elevated reporting limits for NDs?		Х		25.
26. Method references included?	Х			
27. Sample matrix included?	Х			
28. Sample result units reported correctly?				28.
29. Soil/ sediment results corrected for dry-weight?				
30. Method blank results <rl (mdl)?<="" td=""><td>Х</td><td></td><td></td><td></td></rl>	Х			
31. Equipment and Trip blank results <rl (mdl)?<="" td=""><td>Х</td><td></td><td></td><td></td></rl>	Х			
32. All COIs included in LCS?	X			32.
33. LCS recovery within project control limits?		X		see Attachment 1
34. MS/MSD recoveries within project control limits?		X		see Attachment 1
35. LCS/LCSD RPDs within project control limits?		X		see Attachment 1
36. MS/MSD RPDs within project control limits?		X		see Attachment 1
37. Laboratory duplicate RPDs/Diffs within project control limits?			X	
38. Field duplicate RPDs/Diffs within project control limits?		X		see Attachment 1
39. Surrogate recoveries within project control limits?		X		see Attachment 1
40. Completeness percentage within project limits?	X			

Definitions:			
<b>CCB</b> – Continuing Calibration Blank; <b>CCV</b> – Continuing			
Calibration Verification; <b>COI</b> – Compounds of Interest; <b>DCS</b> –			
Detectability Check Sample; <b>ICB</b> – Initial Calibration Blank; <b>ICV</b>			
– Initial Calibration Verification; <b>LCS</b> – Laboratory Control			
Sample; LCSD – Laboratory Control Sample Duplicate; MDL –			
Method Detection Limit; MS/MSD – Matrix Spike/Matrix Spike			
Duplicate; <b>RL</b> – Reporting Limit; <b>RPD</b> – Relative Percent			
Difference			

#### **COMMENTS**

Level IV Check - GC/MS RRF for instrument calibration also included in Level III checks after deficiencies noted in first samples – see attached for deficiencies noted

- 10. Issues noted for all parameters. All are based on laboratory limits, which do not affect flagging for this site.
- 11. All VOC soil samples diluted (med level MeOH extraction and higher) to bracket TA concentrations in calibration range; SVOC sample 04 diluted (10x) to bracket a TA concentration in calibration range, SUs diluted out for this analysis (undiluted analysis also reported and it has acceptable surrogate recoveries)
- 20. Note: QC Batch ID in EDD is for the analytical batch rather than the preparation batch as given for all previous EDDs.
- 24. Actual MDLs are above the target MDLs for the following:

Target MDL (mg/kg) Actual MDL (mg/kg)

n-Butyl alcohol 0.0083 0.0183 Benzidine 0.067 1.65

Actual MQLs are above the target MQLs for the following:

Target MQL (mg/kg) Actual MQL (mg/kg)

Benzidine 1.32 1.65

(Note: For n-Butyl alcohol, both the actual MDL and target MDL are below the comparison criteria. For Benzidine, neither the actual MDL nor the target MDL is below the comparison criteria, which is exceedingly low.)

- 25. The VOC soil samples were analyzed as high level soils (50x dilution), some with additional dilution (up to 200x) for non-detects.
- 28. Results, SDLs, and SQLs are in mg/kg dry-weight or mg/L as requested. However, the user should note that the MDLs and MQLs for organics are in ug/kg or ug/L. This is not accounted for in the Prep Factor or Dilution Factor, except for aqueous SVOC results.
- 32. All analytes routinely spiked by lab are included as per QAPP. This is every TA except n-Butyl alcohol and Benzidine.

#### SET SUMMARY Laboratory Job No.: 211021405

11	Number of Field Samples including Field Duplicates (1)
1	Number of Field MS/MSD Pairs
1	Number of Equipment Rinsate Blanks
0	Number of Field Blanks
2	Number of VOC Trip Blanks
2	Number of Parameters (VOC, SVOC)
145	Number of Target Analytes per Sample
1595	Total Measurements for Field Samples
1311	Number of measurements with no validation qualifier (i.e., "none" in EDD)
93	Number of measurements with UJ flag (for various analytes due to low laboratory and/or matrix spike recovery; poor calibration fit and/or negative drift)
32	Number of measurements with UJ flag and an elevated SDL (for 2-Chloroethylvinyl ether, Acrolein, and n-Butyl alcohol due to poor instrument response, i.e., low RRF)
0	Number of measurements with J- flag
120	Number of measurements with J flag (due solely to result being between the SDL and SQL)
23	Number of measurements with J flag (for 2-Methylnaphthalene, Acenaphthylene, and Isopropylbenzene (Cumene) due to poor field duplicate precision)
4	Number of measurements with J flag (for Pyrene due to result being between the SDL and SQL plus calibration positive drift)
1	Number of measurements with J+ flag (for Pyrene due to calibration positive drift)
0	Number of measurements with U flag
0	Number of measurements with NS flag
11	Number of measurements with R flag (for Benzaldehyde due to extremely low laboratory spike recovery (8.5%), low matrix spike recovery, and calibration negative drift)
100%	Completeness-to-date on a sample level (percentage of removal verification samples with usable data, project goal 90%)
0%	Completeness-to-date on an analyte level (percentage of removal verification samples with usable data for a specific analyte, project goal 80%) – Benzaldehyde
100%	Completeness-to-date on an analyte level (percentage of removal verification samples with usable data for a specific analyte, project goal 80%) – all other target analytes

Usability:

All data is suitable as qualified for the intended use except the eleven results for Benzaldehyde (all non-detects). Data for 2-Chloroethylvinyl ether, Acrolein, and n-Butyl alcohol are usable with an elevated reporting limit for the non-detects (as given in the Electronic Data Deliverable).

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
BLIND DUP	2-Chloroethylvinyl ether	UJ	low instrument response (low RRF), elevate SDL for NDs 210x (RV)
BLIND DUP	Acrolein	UJ	low instrument response (low RRF), elevate SDL for NDs 50x (RV); Low ave MS/MSD recovery (13.5%)
BLIND DUP	Benzene	J	result between SDL and SQL
BLIND DUP	Isopropylbenzene (Cumene)	J	poor field duplicate precision (57 RPD)
BLIND DUP	Naphthalene	J	result between SDL and SQL
BLIND DUP	n-Butyl alcohol	UJ	low instrument response (low RRF), elevate SDL for NDs 3x (RV)
BLIND DUP	Styrene	J	result between SDL and SQL
BLIND DUP	Toluene	J	result between SDL and SQL
BLIND DUP	Xylene (total)	J	result between SDL and SQL
BLIND DUP	2,4-Dinitrophenol	UJ	poor calibration fit (%RSD=31); Low ave MS/MSD recovery (58.5%)
BLIND DUP	2-Methylnaphthalene	J	poor field duplicate precision (74 RPD)
BLIND DUP	3,3'-Dichlorobenzidine	UJ	Low ave LCS/LCSD recovery (40.5%)
BLIND DUP	3-Nitroaniline	UJ	Low ave LCS/LCSD recovery (38.5%); Low ave MS/MSD recovery (55.5%)
BLIND DUP	4-Chloroaniline	UJ	Low ave LCS/LCSD recovery (26.5%); Low ave MS/MSD recovery (45%)
BLIND DUP	Acenaphthylene	J	large difference between field duplicate pair (> 3 x MQL)
BLIND DUP	Aniline	UJ	Low ave LCS/LCSD recovery (45.5%)
BLIND DUP	Anthracene	J	result between SDL and SQL
BLIND DUP	Benzaldehyde	R	Extremely low ave LCS/LCSD recovery (8.5%); Low ave MS/MSD recovery (9%); calibration drift (%D= -27)
BLIND DUP	Benzidine	UJ	poor calibration fit (%RSD=39); calibration drift (%D=-24)
BLIND DUP	Benzoic acid	UJ	calibration drift (%D= -21); Low ave MS/MSD recovery (51.5%)
BLIND DUP	Biphenyl	J	result between SDL and SQL
BLIND DUP	Diethyl phthalate	J	result between SDL and SQL
BLIND DUP	Fluoranthene	J	result between SDL and SQL
BLIND DUP	m,p-Cresol	J	result between SDL and SQL
BLIND DUP	o-Cresol	J	result between SDL and SQL
BLIND DUP	Pyridine	UJ	Low ave MS/MSD recovery (59%)
NC-0-0.3	1,1,1-Trichloroethane	J	result between SDL and SQL
NC-0-0.3	1,2,4-Trimethylbenzene	J	result between SDL and SQL
NC-0-0.3	1,3,5-Trimethylbenzene	J	result between SDL and SQL
NC-0-0.3	2-Chloroethylvinyl ether	UJ	low instrument response (low RRF), elevate SDL for NDs 210x (RV)
NC-0-0.3	Acrolein	UJ	low instrument response (low RRF), elevate SDL for NDs 50x (RV); Low ave MS/MSD recovery (13.5%)
NC-0-0.3	Benzene	J	result between SDL and SQL
NC-0-0.3	Cyclohexane	J	result between SDL and SQL
NC-0-0.3	Isopropylbenzene (Cumene)	J	poor field duplicate precision (57 RPD)
NC-0-0.3	m,p-Xylene	J	result between SDL and SQL
NC-0-0.3	Methylene chloride	J	result between SDL and SQL
NC-0-0.3	n-Butyl alcohol	UJ	low instrument response (low RRF), elevate SDL for NDs 3x (RV)
NC-0-0.3	o-Xylene	J	result between SDL and SQL
NC-0-0.3	Toluene	J	result between SDL and SQL
NC-0-0.3	Xylene (total)	J	result between SDL and SQL
NC-0-0.3	2,4-Dinitrophenol	UJ	poor calibration fit (%RSD=31); Low ave MS/MSD recovery (58.5%)
NC-0-0.3	2-Methylnaphthalene	J	poor field duplicate precision (74 RPD)
NC-0-0.3	3,3'-Dichlorobenzidine	UJ	Low ave LCS/LCSD recovery (40.5%)

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
NC-0-0.3	3-Nitroaniline	UJ	Low ave LCS/LCSD recovery (38.5%); Low ave MS/MSD recovery (55.5%)
NC-0-0.3	4-Chloroaniline	UJ	Low ave LCS/LCSD recovery (26.5%); Low ave MS/MSD recovery (45%)
NC-0-0.3	Acenaphthene	J	result between SDL and SQL
NC-0-0.3	Acenaphthylene	J	large difference between field duplicate pair (> 3 x MQL); result between SDL and SQL
NC-0-0.3	Acetophenone	J	result between SDL and SQL
NC-0-0.3	Aniline	UJ	Low ave LCS/LCSD recovery (45.5%)
NC-0-0.3	Benzaldehyde	R	Extremely low ave LCS/LCSD recovery (8.5%); Low ave MS/MSD recovery (9%); calibration drift (%D= -27)
NC-0-0.3	Benzidine	UJ	poor calibration fit (%RSD=39); calibration drift (%D= -24)
NC-0-0.3	Benzo(b)fluoranthene	J	result between SDL and SQL
NC-0-0.3	Benzo(g,h,i)perylene	J	result between SDL and SQL
NC-0-0.3	Benzo(k)fluoranthene	J	result between SDL and SQL
NC-0-0.3	Benzoic acid	UJ	calibration drift (%D= -21); Low ave MS/MSD recovery (51.5%)
NC-0-0.3	Biphenyl	J	result between SDL and SQL
NC-0-0.3	Chrysene	J	result between SDL and SQL
NC-0-0.3	Indeno(1,2,3-cd)pyrene	J	result between SDL and SQL
NC-0-0.3	Pyrene	J	calibration drift (%D= 27); result between SDL and SQL
NC-0-0.3	Pyridine	UJ	Low ave MS/MSD recovery (59%)
SC-E	1,2,4-Trimethylbenzene	J	result between SDL and SQL
SC-E	2-Chloroethylvinyl ether	UJ	low instrument response (low RRF), elevate SDL for NDs 210x (RV)
SC-E	Acrolein	UJ	low instrument response (low RRF), elevate SDL for NDs 50x (RV); Low ave MS/MSD recovery (13.5%)
SC-E	Cyclohexane	J	result between SDL and SQL
SC-E	Ethylbenzene	J	result between SDL and SQL
SC-E	Isopropylbenzene (Cumene)	J	poor field duplicate precision (57 RPD)
SC-E	m,p-Xylene	J	result between SDL and SQL
SC-E	Naphthalene	J	result between SDL and SQL
SC-E	n-Butyl alcohol	UJ	low instrument response (low RRF), elevate SDL for NDs 3x (RV)
SC-E	o-Xylene	J	result between SDL and SQL
SC-E	Xylene (total)	J	result between SDL and SQL
SC-E	2,4-Dinitrophenol	UJ	poor calibration fit (%RSD=31); Low ave MS/MSD recovery (58.5%)
SC-E	2-Methylnaphthalene	J	poor field duplicate precision (74 RPD); result between SDL and SQL
SC-E	3,3'-Dichlorobenzidine	UJ	Low ave LCS/LCSD recovery (40.5%)
SC-E	3-Nitroaniline	UJ	Low ave LCS/LCSD recovery (38.5%); Low ave MS/MSD recovery (55.5%)
SC-E	4-Chloroaniline	UJ	Low ave LCS/LCSD recovery (26.5%); Low ave MS/MSD recovery (45%)
SC-E	Acenaphthylene	UJ	large difference between field duplicate pair (> 3 x MQL)
SC-E	Aniline	UJ	Low ave LCS/LCSD recovery (45.5%)
SC-E	Anthracene	J	result between SDL and SQL
SC-E	Benzaldehyde	R	Extremely low ave LCS/LCSD recovery (8.5%); Low ave MS/MSD recovery (9%); calibration drift (%D= -27)
SC-E	Benzidine	UJ	poor calibration fit (%RSD=39); calibration drift (%D=-24)
SC-E	Benzo(a)anthracene	J	result between SDL and SQL
SC-E	Benzo(a)pyrene	J	result between SDL and SQL
SC-E	Benzo(b)fluoranthene	J	result between SDL and SQL
SC-E	Benzo(g,h,i)perylene	J	result between SDL and SQL

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
SC-E	Benzoic acid	UJ	calibration drift (%D= -21); Low ave MS/MSD recovery (51.5%)
SC-E	Chrysene	J	result between SDL and SQL
SC-E	Fluoranthene	J	result between SDL and SQL
SC-E	Fluorene	J	result between SDL and SQL
SC-E	Indeno(1,2,3-cd)pyrene	J	result between SDL and SQL
SC-E	Phenanthrene	J	result between SDL and SQL
SC-E	Pyrene	J	calibration drift (%D= 27); result between SDL and SQL
SC-E	Pyridine	UJ	Low ave MS/MSD recovery (59%)
SC-W	1,2,4-Trimethylbenzene	J	result between SDL and SQL
SC-W	1,3,5-Trimethylbenzene	J	result between SDL and SQL
SC-W	2-Chloroethylvinyl ether	UJ	low instrument response (low RRF), elevate SDL for NDs 210x (RV)
SC-W	Acrolein	UJ	low instrument response (low RRF), elevate SDL for NDs 50x (RV); Low ave MS/MSD recovery (13.5%)
SC-W	Benzene	J	result between SDL and SQL
SC-W	Cyclohexane	J	result between SDL and SQL
SC-W	Ethylbenzene	J	result between SDL and SQL
SC-W	Isopropylbenzene (Cumene)	J	poor field duplicate precision (57 RPD)
SC-W	m,p-Xylene	J	result between SDL and SQL
SC-W	Naphthalene	J	result between SDL and SQL
SC-W	n-Butyl alcohol	UJ	low instrument response (low RRF), elevate SDL for NDs 3x (RV)
SC-W	o-Xylene	J	result between SDL and SQL
SC-W	Xylene (total)	J	result between SDL and SQL
SC-W	2,4-Dinitrophenol	UJ	poor calibration fit (%RSD=31); Low ave MS/MSD recovery (58.5%)
SC-W	3,3'-Dichlorobenzidine	UJ	Low ave LCS/LCSD recovery (40.5%)
SC-W	3-Nitroaniline	UJ	Low ave LCS/LCSD recovery (38.5%); Low ave MS/MSD recovery (55.5%)
SC-W	4-Chloroaniline	UJ	Low ave LCS/LCSD recovery (26.5%); Low ave MS/MSD recovery (45%)
SC-W	Acenaphthylene	J	large difference between field duplicate pair (> 3 x MQL); result between SDL and SQL
SC-W	Aniline	UJ	Low ave LCS/LCSD recovery (45.5%)
SC-W	Anthracene	J	result between SDL and SQL
SC-W	Benzaldehyde	R	Extremely low ave LCS/LCSD recovery (8.5%); Low ave MS/MSD recovery (9%); calibration drift (%D= -27)
SC-W	Benzidine	UJ	poor calibration fit (%RSD=39); calibration drift (%D= -24)
SC-W	Benzo(b)fluoranthene	J	result between SDL and SQL
SC-W	Benzo(g,h,i)perylene	J	result between SDL and SQL
SC-W	Benzo(k)fluoranthene	J	result between SDL and SQL
SC-W	Benzoic acid	UJ	calibration drift (%D= -21); Low ave MS/MSD recovery (51.5%)
SC-W	Chrysene	J	result between SDL and SQL
SC-W	Diethyl phthalate	J	result between SDL and SQL
SC-W	Fluoranthene	J	result between SDL and SQL
SC-W	Indeno(1,2,3-cd)pyrene	J	result between SDL and SQL
SC-W	Pyrene	J	calibration drift (%D= 27); result between SDL and SQL
SC-W	Pyridine	UJ	Low ave MS/MSD recovery (59%)
T-15-F	2-Chloroethylvinyl ether	UJ	low instrument response (low RRF), elevate SDL for NDs 210x (RV)
T-15-F	Acrolein	UJ	low instrument response (low RRF), elevate SDL for NDs 50x (RV); Low ave MS/MSD recovery (13.5%)
T-15-F	cis-1,2-Dichloroethene	J	result between SDL and SQL
T-15-F	n-Butyl alcohol	UJ	low instrument response (low RRF), elevate SDL for NDs 3x (RV)
T-15-F	Trichloroethene	J	result between SDL and SQL

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
T-15-F	2,4-Dinitrophenol	UJ	poor calibration fit (%RSD=31); Low ave MS/MSD recovery (58.5%)
T-15-F	3,3'-Dichlorobenzidine	UJ	Low ave LCS/LCSD recovery (40.5%)
T-15-F	3-Nitroaniline	UJ	Low ave LCS/LCSD recovery (38.5%); Low ave MS/MSD recovery (55.5%)
T-15-F	4-Chloroaniline	UJ	Low ave LCS/LCSD recovery (26.5%); Low ave MS/MSD recovery (45%)
T-15-F	Acenaphthylene	UJ	large difference between field duplicate pair (> 3 x MQL)
T-15-F	Aniline	UJ	Low ave LCS/LCSD recovery (45.5%)
T-15-F	Benzaldehyde	R	Extremely low ave LCS/LCSD recovery (8.5%); Low ave MS/MSD recovery (9%); calibration drift (%D= -27)
T-15-F	Benzidine	UJ	poor calibration fit (%RSD=39); calibration drift (%D=-24)
T-15-F	Benzoic acid	UJ	calibration drift (%D= -21); Low ave MS/MSD recovery (51.5%)
T-15-F	Fluoranthene	J	result between SDL and SQL
T-15-F	Pyridine	UJ	Low ave MS/MSD recovery (59%)
T-21-F	1,2,4-Trimethylbenzene	J	result between SDL and SQL
T-21-F	2-Chloroethylvinyl ether	UJ	low instrument response (low RRF), elevate SDL for NDs 210x
T-21-F	Acrolein	UJ	(RV) low instrument response (low RRF), elevate SDL for NDs 50x
1-21-1	Actolem	03	(RV); Low ave MS/MSD recovery (13.5%)
T-21-F	cis-1,2-Dichloroethene	J	result between SDL and SQL
T-21-F	Cyclohexane	J	result between SDL and SQL
T-21-F	Hexachlorobutadiene	J	result between SDL and SQL
T-21-F	Isopropylbenzene (Cumene)	J	poor field duplicate precision (57 RPD); result between SDL and SQL
T-21-F	Naphthalene	J	result between SDL and SQL
T-21-F	n-Butyl alcohol	UJ	low instrument response (low RRF), elevate SDL for NDs 3x (RV)
T-21-F	Trichloroethene	J	result between SDL and SQL
T-21-F	2,4-Dinitrophenol	UJ	poor calibration fit (%RSD=31); Low ave MS/MSD recovery (58.5%)
T-21-F	2-Methylnaphthalene	J	poor field duplicate precision (74 RPD)
T-21-F	3,3'-Dichlorobenzidine	UJ	Low ave LCS/LCSD recovery (40.5%)
T-21-F	3-Nitroaniline	UJ	Low ave LCS/LCSD recovery (38.5%); Low ave MS/MSD recovery (55.5%)
T-21-F	4-Chloroaniline	UJ	Low ave LCS/LCSD recovery (26.5%); Low ave MS/MSD recovery (45%)
T-21-F	Acenaphthylene	J	large difference between field duplicate pair (> 3 x MQL); result between SDL and SQL
T-21-F	Aniline	UJ	Low ave LCS/LCSD recovery (45.5%)
T-21-F	Benzaldehyde	R	Extremely low ave LCS/LCSD recovery (8.5%); Low ave MS/MSD recovery (9%); calibration drift (%D= -27)
T-21-F	Benzidine	UJ	poor calibration fit (%RSD=39); calibration drift (%D=-24)
T-21-F	Benzo(b)fluoranthene	J	result between SDL and SQL
T-21-F	Benzo(g,h,i)perylene	J	result between SDL and SQL
T-21-F	Benzo(k)fluoranthene	J	result between SDL and SQL
T-21-F	Benzoic acid	UJ	calibration drift (%D= -21); Low ave MS/MSD recovery (51.5%)
T-21-F	Biphenyl	J	result between SDL and SQL
T-21-F	Chrysene	J	result between SDL and SQL
T-21-F	Fluoranthene	J	result between SDL and SQL
T-21-F	Indeno(1,2,3-cd)pyrene	J	result between SDL and SQL
T-21-F	Pyrene	J+	calibration drift (%D= 27)
T-21-F	Pyridine	UJ	Low ave MS/MSD recovery (59%)
T-2-WEST	Acrolein	UJ	low instrument response (low RRF), elevate SDL for NDs 13x (RV); Low ave MS/MSD recovery (13.5%)
T-2-WEST	Isopropylbenzene (Cumene)	J	poor field duplicate precision (57 RPD)

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
T-2-WEST	n-Butyl alcohol	UJ	low instrument response (low RRF), elevate SDL for NDs 1.4x (RV)
T-2-WEST	Vinyl acetate	UJ	calibration drift (%D= -27)
T-2-WEST	2,4-Dinitrophenol	UJ	poor calibration fit (%RSD=31); Low ave MS/MSD recovery (58.5%)
T-2-WEST	3,3'-Dichlorobenzidine	UJ	Low ave LCS/LCSD recovery (40.5%)
T-2-WEST	3-Nitroaniline	UJ	Low ave LCS/LCSD recovery (38.5%); Low ave MS/MSD recovery (55.5%)
T-2-WEST	4-Chloroaniline	UJ	Low ave LCS/LCSD recovery (26.5%); Low ave MS/MSD recovery (45%)
T-2-WEST	Acenaphthylene	UJ	large difference between field duplicate pair (> 3 x MQL)
T-2-WEST	Aniline	UJ	Low ave LCS/LCSD recovery (45.5%)
T-2-WEST	Benzaldehyde	R	Extremely low ave LCS/LCSD recovery (8.5%); Low ave MS/MSD recovery (9%); calibration drift (%D= -27)
T-2-WEST	Benzidine	UJ	poor calibration fit (%RSD=39); calibration drift (%D= -24)
T-2-WEST	Benzoic acid	UJ	calibration drift (%D= -21); Low ave MS/MSD recovery (51.5%)
T-2-WEST	Biphenyl	J	result between SDL and SQL
T-2-WEST	Di-n-butyl phthalate	J	result between SDL and SQL
T-2-WEST	Fluorene	J	result between SDL and SQL
T-2-WEST	Phenanthrene	J	result between SDL and SQL
T-2-WEST	Pyridine	UJ	Low ave MS/MSD recovery (59%)
T-6-EAST	2-Chloroethylvinyl ether	UJ	low instrument response (low RRF), elevate SDL for NDs 210x (RV)
T-6-EAST	Acrolein	UJ	low instrument response (low RRF), elevate SDL for NDs 50x (RV); Low ave MS/MSD recovery (13.5%)
T-6-EAST	Benzene	J	result between SDL and SQL
T-6-EAST	Isopropylbenzene (Cumene)	J	poor field duplicate precision (57 RPD)
T-6-EAST	n-Butyl alcohol	UJ	low instrument response (low RRF), elevate SDL for NDs 3x (RV)
T-6-EAST	Styrene	J	result between SDL and SQL
T-6-EAST	Toluene	J	result between SDL and SQL
T-6-EAST	2,4-Dinitrophenol	UJ	poor calibration fit (%RSD=31); Low ave MS/MSD recovery (58.5%)
T-6-EAST	2-Methylnaphthalene	J	poor field duplicate precision (74 RPD)
T-6-EAST	3,3'-Dichlorobenzidine	UJ	Low ave LCS/LCSD recovery (40.5%)
T-6-EAST	3-Nitroaniline	UJ	Low ave LCS/LCSD recovery (38.5%); Low ave MS/MSD recovery (55.5%)
T-6-EAST	4-Chloroaniline	UJ	Low ave LCS/LCSD recovery (26.5%); Low ave MS/MSD recovery (45%)
T-6-EAST	Acenaphthylene	J	large difference between field duplicate pair (> 3 x MQL)
T-6-EAST	Aniline	UJ	Low ave LCS/LCSD recovery (45.5%)
T-6-EAST	Anthracene	J	result between SDL and SQL
T-6-EAST	Benzaldehyde	R	Extremely low ave LCS/LCSD recovery (8.5%); Low ave MS/MSD recovery (9%); calibration drift (%D= -27)
T-6-EAST	Benzidine	UJ	poor calibration fit (%RSD=39); calibration drift (%D= -24)
T-6-EAST	Benzoic acid	UJ	calibration drift (%D= -21); Low ave MS/MSD recovery (51.5%)
T-6-EAST	Biphenyl	J	result between SDL and SQL
T-6-EAST	Fluoranthene	J	result between SDL and SQL
T-6-EAST	m,p-Cresol	J	result between SDL and SQL
T-6-EAST	o-Cresol	J	result between SDL and SQL
T-6-EAST	Pyrene	J	calibration drift (%D= 27); result between SDL and SQL
T-6-EAST	Pyridine	UJ	Low ave MS/MSD recovery (59%)
T-6-FLOOR	2-Chloroethylvinyl ether	UJ	low instrument response (low RRF), elevate SDL for NDs 210x (RV)
T-6-FLOOR	Acrolein	UJ	low instrument response (low RRF), elevate SDL for NDs 50x (RV); Low ave MS/MSD recovery (13.5%)

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
T-6-FLOOR	Isopropylbenzene (Cumene)	J	poor field duplicate precision (57 RPD)
T-6-FLOOR	n-Butyl alcohol	UJ	low instrument response (low RRF), elevate SDL for NDs 3x (RV)
T-6-FLOOR	tert-Butyl methyl ether (MTBE)	J	result between SDL and SQL
T-6-FLOOR	2,4-Dinitrophenol	UJ	poor calibration fit (%RSD=31); Low ave MS/MSD recovery (58.5%)
T-6-FLOOR	3,3'-Dichlorobenzidine	UJ	Low ave LCS/LCSD recovery (40.5%)
T-6-FLOOR	3-Nitroaniline	UJ	Low ave LCS/LCSD recovery (38.5%); Low ave MS/MSD recovery (55.5%)
T-6-FLOOR	4-Chloroaniline	UJ	Low ave LCS/LCSD recovery (26.5%); Low ave MS/MSD recovery (45%)
T-6-FLOOR	Acenaphthylene	UJ	large difference between field duplicate pair (> 3 x MQL)
T-6-FLOOR	Acetophenone	J	result between SDL and SQL
T-6-FLOOR	Aniline	UJ	Low ave LCS/LCSD recovery (45.5%)
T-6-FLOOR	Benzaldehyde	R	Extremely low ave LCS/LCSD recovery (8.5%); Low ave MS/MSD recovery (9%); calibration drift (%D= -27)
T-6-FLOOR	Benzidine	UJ	poor calibration fit (%RSD=39); calibration drift (%D= -24)
T-6-FLOOR	Benzoic acid	UJ	calibration drift (%D= -21); Low ave MS/MSD recovery (51.5%)
T-6-FLOOR	Di-n-butyl phthalate	J	result between SDL and SQL
T-6-FLOOR	Pyridine	UJ	Low ave MS/MSD recovery (59%)
T-6-NORTH	1,1,1-Trichloroethane	J	result between SDL and SQL
T-6-NORTH	1,2,4-Trimethylbenzene	J	result between SDL and SQL
T-6-NORTH	1,3,5-Trimethylbenzene	J	result between SDL and SQL
T-6-NORTH	2-Chloroethylvinyl ether	UJ	low instrument response (low RRF), elevate SDL for NDs 210x (RV)
T-6-NORTH	Acrolein	UJ	low instrument response (low RRF), elevate SDL for NDs 50x (RV); Low ave MS/MSD recovery (13.5%)
T-6-NORTH	Cyclohexane	J	result between SDL and SQL
T-6-NORTH	Isopropylbenzene (Cumene)	J	poor field duplicate precision (57 RPD); result between SDL and SQL
T-6-NORTH	n-Butyl alcohol	UJ	low instrument response (low RRF), elevate SDL for NDs 3x (RV)
T-6-NORTH	n-Propylbenzene	J	result between SDL and SQL
T-6-NORTH	Toluene	J	result between SDL and SQL
T-6-NORTH	Trichloroethene	J	result between SDL and SQL
T-6-NORTH	2,4-Dinitrophenol	UJ	poor calibration fit (%RSD=31); Low ave MS/MSD recovery (58.5%)
T-6-NORTH	3,3'-Dichlorobenzidine	UJ	Low ave LCS/LCSD recovery (40.5%)
T-6-NORTH	3-Nitroaniline	UJ	Low ave LCS/LCSD recovery (38.5%); Low ave MS/MSD recovery (55.5%)
T-6-NORTH	4-Chloroaniline	UJ	Low ave LCS/LCSD recovery (26.5%); Low ave MS/MSD recovery (45%)
T-6-NORTH	Acenaphthylene	J	large difference between field duplicate pair (> 3 x MQL); result between SDL and SQL
T-6-NORTH	Aniline	UJ	Low ave LCS/LCSD recovery (45.5%)
T-6-NORTH	Benzaldehyde	R	Extremely low ave LCS/LCSD recovery (8.5%); Low ave MS/MSD recovery (9%); calibration drift (%D= -27)
T-6-NORTH	Benzidine	UJ	poor calibration fit (%RSD=39); calibration drift (%D= -24)
T-6-NORTH	Benzo(g,h,i)perylene	J	result between SDL and SQL
T-6-NORTH	Benzoic acid	UJ	calibration drift (%D= -21); Low ave MS/MSD recovery (51.5%)
T-6-NORTH	Chrysene	J	result between SDL and SQL
T-6-NORTH	Diethyl phthalate	J	result between SDL and SQL
T-6-NORTH	Fluoranthene	J	result between SDL and SQL
T-6-NORTH	Phenanthrene	J	result between SDL and SQL
T-6-NORTH	Phenol	J	result between SDL and SQL
T-6-NORTH	Pyridine	UJ	Low ave MS/MSD recovery (59%)

Field Sample Identification	Analyte	Data Qualifier	Reason for Qualification
T-6-SOUTH	2-Chloroethylvinyl ether	UJ	low instrument response (low RRF), elevate SDL for NDs 210x
			(RV)
T-6-SOUTH	Acrolein	UJ	low instrument response (low RRF), elevate SDL for NDs 50x (RV); Low ave MS/MSD recovery (13.5%)
T-6-SOUTH	Benzene	J	result between SDL and SQL
T-6-SOUTH	Chloroform	J	result between SDL and SQL
T-6-SOUTH	Isopropylbenzene (Cumene)	J	poor field duplicate precision (57 RPD)
T-6-SOUTH	Naphthalene	J	result between SDL and SQL
T-6-SOUTH	n-Butyl alcohol	UJ	low instrument response (low RRF), elevate SDL for NDs 3x (RV)
T-6-SOUTH	Styrene	J	result between SDL and SQL
T-6-SOUTH	Toluene	J	result between SDL and SQL
T-6-SOUTH	Xylene (total)	J	result between SDL and SQL
T-6-SOUTH	2,4-Dinitrophenol	UJ	poor calibration fit (%RSD=31); Low ave MS/MSD recovery (58.5%)
T-6-SOUTH	2-Methylnaphthalene	J	poor field duplicate precision (74 RPD)
T-6-SOUTH	3,3'-Dichlorobenzidine	UJ	Low ave LCS/LCSD recovery (40.5%)
T-6-SOUTH	3-Nitroaniline	UJ	Low ave LCS/LCSD recovery (38.5%); Low ave MS/MSD recovery (55.5%)
T-6-SOUTH	4-Chloroaniline	UJ	Low ave LCS/LCSD recovery (26.5%); Low ave MS/MSD recovery (45%)
T-6-SOUTH	Acenaphthene	J	result between SDL and SQL
T-6-SOUTH	Acenaphthylene	J	large difference between field duplicate pair (> 3 x MQL); result between SDL and SQL
T-6-SOUTH	Aniline	UJ	Low ave LCS/LCSD recovery (45.5%)
T-6-SOUTH	Benzaldehyde	R	Extremely low ave LCS/LCSD recovery (8.5%); Low ave MS/MSD recovery (9%); calibration drift (%D= -27)
T-6-SOUTH	Benzidine	UJ	poor calibration fit (%RSD=39); calibration drift (%D= -24)
T-6-SOUTH	Benzoic acid	UJ	calibration drift (%D= -21); Low ave MS/MSD recovery (51.5%)
T-6-SOUTH	Biphenyl	J	result between SDL and SQL
T-6-SOUTH	Di-n-butyl phthalate	J	result between SDL and SQL
T-6-SOUTH	Fluoranthene	J	result between SDL and SQL
T-6-SOUTH	m,p-Cresol	J	result between SDL and SQL
T-6-SOUTH	o-Cresol	J	result between SDL and SQL
T-6-SOUTH	Pyridine	UJ	Low ave MS/MSD recovery (59%)

#### ATTACHMENT 1

Sample_ID	Lab_Sample_ID	Test_type _code	Analytical _Method	Total_or_ dissolved	Matrix	Parameter	Valid_qualifier	Result_type _code	Prep_date Pr	rep_time	Analysis _Date	Analysis _Time	QC_comment	QC_ Batch
X	a8914	ICAL2	SW8260B			n-Butyl alcohol	J / UJ to RRs/NDs	TRG			1/14/2011	11:41	low instrument response (low RRF), elevate SDL for NDs 3x (TR)	
х	a8933	ICAL1	SW8260B			Acrolein	J / UJ to RRs/NDs	TRG			11/14/2011		low instrument response (low RRF), elevate SDL for NDs 50x (TR)	
х	a8933	ICAL1	SW8260B			2-Chloroethyl vinyl ether	J / UJ to RRs/NDs	TRG			11/14/2011		low instrument response (low RRF), elevate SDL for NDs 210x (TR)	
х	k9746	ICAL2	SW8260B			n-Butyl alcohol	J / UJ to RRs/NDs	TRG			1/7/2011	11:14	low instrument response (low RRF), elevate SDL for NDs 1.4x (TR)	
х	k9758	ICAL1	SW8260B			Acrolein	J / UJ to RRs/NDs	TRG			1/7/2011	18:08	low instrument response (low RRF), elevate SDL for NDs 13x (TR)	
х	a8960	CCV1	SW8260B			Acrolein	J+ to RRs (none)	VOC			1/16/2011	9:23	calibration drift (%D= 24)	
x	a8960	CCV1	SW8260B			2-Hexanone	J+ to RRs (none)	VOC			1/16/2011	9:23	calibration drift (%D= 21)	
x	k9905	CCV1	SW8260B			Vinyl acetate	J- / UJ to RRs/NDs	VOC			1/18/2011	13:19	calibration drift (%D= -27)	
T-15-F MSD	21101140503	MSD	SW8260B		S	Acrolein	J- / UJ to RRs/NDs	TRG			1/16/2011	14:25	Low ave MS/MSD recovery (13.5%)	449013
T-15-F MSD	21101140503	MSD	SW8260B		S	Acrolein	J to RRs (none)	TRG			1/16/2011	14:25	poor MS/MSD precision (80 RPD)	449013
T-15-F MSD	21101140503	MSD	SW8260B		S	Chloroethane	J to RRs (none)	TRG			1/16/2011	14:25	poor MS/MSD precision (42 RPD)	449013
BLIND DUP	21101140511	FLDDUP	SW8260B		S	Isopropylbenzene (Cumene)	J to RRs	TRG			1/16/2011	19:46	poor field duplicate precision (57 RPD)	449013
х	e7897	ICAL1	SW8270C			2,4-Dinitrophenol	J / UJ to RRs/NDs	TRG			1/12/2011	8:21	poor calibration fit (%RSD=31)	
х	e7897	ICAL1	SW8270C			Benzidine	J / UJ to RRs/NDs	TRG			1/12/2011	8:21	poor calibration fit (%RSD=39)	
x	e7972	CCV1	SW8270C			Benzoic acid	J- / UJ to RRs/NDs	SVOC			1/14/2011	14:42	calibration drift (%D= -21)	
x	e7972	CCV1	SW8270C			Hexachlorocyclopentadiene	J+ to RRs (none)	SVOC			1/14/2011	14:42	calibration drift (%D= 24)	
х	e7972	CCV1	SW8270C			Benzidine	J-/UJ to RRs/NDs	SVOC			1/14/2011	14:42	calibration drift (%D= -24)	
х	e8008	CCV1	SW8270C			Hexachlorocyclopentadiene	J+ to RRs (none)	SVOC			1/17/2011	8:28	calibration drift (%D= 25)	
х	e8008	CCV1	SW8270C			Benzidine	J- / UJ to RRs/NDs	SVOC			1/17/2011	8:28	calibration drift (%D= -44)	

#### ATTACHMENT 1

Sample_ID	Lab_Sample_ID	Test_type _code	Analytical _Method	Total_or_ dissolved	Matrix	Parameter	Valid_qualifier	Result_type _code	Prep_date	Prep_time	Analysis _Date	Analysis _Time	QC_comment	QC_ Batch
X	e8008	CCV1	SW8270C			Pyrene	J+ to RRs	SVOC			1/17/2011	8:28	calibration drift (%D= 27)	
X	e8008	CCV1	SW8270C			Benzaldehyde	J- / UJ to RRs/NDs	SVOC			1/17/2011	8:28	calibration drift (%D= -27)	
LCSD for HBN 448916 [EXTO/2751	912492	LCSD	SW8270C		S	3,3'-Dichlorobenzidine	J- / UJ to RRs/NDs	TRG	1/14/2011	10:30	1/14/2011	16:39	Low ave LCS/LCSD recovery (40.5%)	448983
LCSD for HBN 448916 [EXTO/2751	912492	LCSD	SW8270C		S	3-Nitroaniline	J- / UJ to RRs/NDs	TRG	1/14/2011	10:30	1/14/2011	16:39	Low ave LCS/LCSD recovery (38.5%)	448983
LCSD for HBN 448916 [EXTO/2751	912492	LCSD	SW8270C		S	4-Chloroaniline	J- / UJ to RRs/NDs	TRG	1/14/2011	10:30	1/14/2011	16:39	Low ave LCS/LCSD recovery (26.5%)	448983
LCSD for HBN 448916 [EXTO/2751	912492	LCSD	SW8270C		S	Aniline	J- / UJ to RRs/NDs	TRG	1/14/2011	10:30	1/14/2011	16:39	Low ave LCS/LCSD recovery (45.5%)	448983
LCSD for HBN 448916 [EXTO/2751	912492	LCSD	SW8270C		S	Benzaldehyde	J- / R to RRs/NDs	TRG	1/14/2011	10:30	1/14/2011	16:39	Extremely low ave LCS/LCSD recovery (8.5%)	448983
T-15-F MSD	21101140503	MSD	SW8270C		S	2,4-Dinitrophenol	J- / UJ to RRs/NDs	TRG	1/14/2011	10:30	1/14/2011	17:29	Low ave MS/MSD recovery (58.5%)	448983
T-15-F MSD	21101140503	MSD	SW8270C		S	3-Nitroaniline	J- / UJ to RRs/NDs	TRG	1/14/2011	10:30	1/14/2011	17:29	Low ave MS/MSD recovery (55.5%)	448983
T-15-F MSD	21101140503	MSD	SW8270C		S	4-Chloroaniline	J- / UJ to RRs/NDs	TRG	1/14/2011	10:30	1/14/2011	17:29	Low ave MS/MSD recovery (45%)	448983
T-15-F MSD	21101140503	MSD	SW8270C		S	Benzaldehyde	J- / UJ to RRs/NDs	TRG	1/14/2011	10:30	1/14/2011	17:29	Low ave MS/MSD recovery (9%)	448983
T-15-F MSD	21101140503	MSD	SW8270C		S	Benzoic acid	J- / UJ to RRs/NDs	TRG	1/14/2011	10:30	1/14/2011	17:29	Low ave MS/MSD recovery (51.5%)	448983
T-15-F MSD	21101140503	MSD	SW8270C		S	Pyridine	J- / UJ to RRs/NDs	TRG	1/14/2011	10:30	1/14/2011	17:29	Low ave MS/MSD recovery (59%)	448983
LCSD for HBN 448916 [EXTO/2751	912492	LCSD	SW8270C		S	Aniline	J to RRs (none)	TRG	1/14/2011	10:30	1/14/2011	16:39	poor LCS/LCSD precision (62 RPD)	448983
T-21-F	21101140504	SMP	SW8270C		S	2-Fluorobiphenyl	none (surrogate diluted out)	SUR	1/14/2011	10:30	1/17/2011	8:56	extremely low SU recovery (0%)	449083
T-21-F	21101140504	SMP	SW8270C		S	2-Fluorophenol	none (surrogate diluted out)	SUR	1/14/2011	10:30	1/17/2011	8:56	extremely low SU recovery (0%)	449083
T-21-F	21101140504	SMP	SW8270C		S	Terphenyl-d14	none (surrogate diluted out)	SUR	1/14/2011	10:30	1/17/2011	8:56	extremely low SU recovery (0%)	449083
T-21-F	21101140504	SMP	SW8270C		S	Nitrobenzene-d5	none (surrogate diluted out)	SUR	1/14/2011	10:30	1/17/2011	8:56	extremely low SU recovery (0%)	449083
T-21-F	21101140504	SMP	SW8270C		S	2,4,6-Tribromophenol	none (surrogate diluted out)	SUR	1/14/2011	10:30	1/17/2011	8:56	extremely low SU recovery (0%)	449083

#### ATTACHMENT 1

Sample_ID	Lab_Sample_ID	Test_type code	Analytical Method	Total_or_ dissolved	Matrix	Parameter	Valid_qualifier	Result_type code	Prep_date	Prep_time	Analysis Date	Analysis Time	QC_comment	QC_ Batch
				dissolved										Duten
T-21-F	21101140504	SMP	SW8270C		S	Phenol-d5	none (surrogate diluted out)	SUR	1/14/2011	10:30	1/17/2011	8:56	extremely low SU recovery (0%)	449083
SC-E	21101140513	SMP	SW8270C		S	2,4,6-Tribromophenol	none (only one of multiple surrogates deficient)	SUR	1/14/2011	10:30	1/14/2011	20:16	low SU recovery (59%)	448983
EQUIPMENT BLANK	21101140514	EQBK	SW8270C		W	Phenol-d5	none (only one of multiple surrogates deficient)	SUR	1/14/2011	11:35	1/14/2011	15:49	low SU recovery (41%)	448983
BLIND DUP	21101140511	FLDDUP	SW8270C		S	2-Methylnaphthalene	J to RRs	TRG	1/14/2011	10:30	1/14/2011	19:43	poor field duplicate precision (74 RPD)	448983
BLIND DUP	21101140511	FLDDUP	SW8270C		S	Acenaphthylene	J / UJ to RRs/NDs	TRG	1/14/2011	10:30	1/14/2011	19:43	large difference between field duplicate pair (> 3 x MQL)	448983